

The Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
Department of Public Health  
William A. Hinton State Laboratory Institute  
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK  
GOVERNOR

TIMOTHY P. MURRAY  
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD  
SECRETARY

JOHN AUERBACH  
COMMISSIONER

10/26/2011

Spencer Lord  
Assistant District Attorney, Suffolk County

Dear ADA Lord,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]  
Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan, and Kate Corbett.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples [REDACTED]

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Kate Corbett was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Dookhan".

Annie Dookhan  
Chemist  
Drug Analysis Lab  
Jamaica Plain, MA. 02130  
(617) 983-6622

## Curriculum Vitae

### Annie Khan (Dookhan)

#### **Education:**

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.  
University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

#### **Experience:**

2003 – present

#### Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

\*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

\*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

\*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

\*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

\*Maintenance and repairs of all analytical instruments.

\*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

\*Oversee the Quality Control/Quality Assurance program for the Drug Lab.

\*Writing, revising and reviewing Standard Operating Procedures (SOPs) and Protocols.

\*Notary Public.

\*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

#### QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

\*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

\*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

\*Writing, revising and reviewing Standard Operating Procedures (SOPs).

\*Trained and supervised new chemists and interns for the department.

\*Routine QC testing of products for the FDA.

\*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

\*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

\*Complete testing of chemicals for Vendor Validation Project for the FDA.

\*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

#### **Additional Training:**

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP training with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS trainings with Agilent Technologies and Restek.

HPLC and LC/MS/MS trainings with Waters Cooperation.

FTIR training with Spectros.

TOC training with MBL and Sievers.

#### **Association:**

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

# Curriculum Vitae

Kate A. Corbett

## Education

### **Bachelor of Science Degree, CHEMISTRY May 2003**

MERRIMACK COLLEGE

Coursework included: Organic Chemistry, Inorganic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus

---

## Employment

### **Chemist II State Laboratory Institute (March 2008-Present)**

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance and trafficking substances to determine violation of the Massachusetts drug laws
- Responsible for the identification of pharmaceuticals to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation, microscopes and balances for forensic drug analysis

### **Chemist I State Laboratory Institute (2005-March 2008)**

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation for the purpose of performing forensic drug analysis
- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- Appointed an assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2005.

### **Research Associate (September 2003 – August 2005)**

SENSOR TECHNOLOGIES, INC - Shrewsbury, MA

- Prepared chemistries used in making sensor beads
- Generated and examined sensors employing fluorescence spectroscopy
- Performed protein, dye and sugar assays using UV/VIS spectrophotometry
- Carried out titrations on ricin using fluorescence correlation spectroscopy
- Statistical analysis of experimental data

### **Intern (March 2003 – August 2003)**

MASSACHUSETTS STATE POLICE CRIME LABORATORY - Sudbury, MA

- Assisted in the gathering of case files to fulfill the National Institute of Justice's No Suspect Backlog Reduction Grant
- Observed in the Evidence, Criminalistics, DNA, Drug, Trace, Toxicology, and Bomb/Arson Units

**Boston Police**  
DEPARTMENT

## DRUG RECEIPT

CC # \_\_\_\_\_  
BOOK # \_\_\_\_\_  
PAGE # \_\_\_\_\_  
DESTRUCTION # \_\_\_\_\_

District/Unit H-1 DCUName & Rank of Arresting Officer PO BYRNEID# 95168

DEFENDANT'S NAME	ADDRESS	CITY	STATE
[REDACTED]			

DESCRIPTION OF ITEMS SUBMITTED	GROSS QUANTITY	LAB USE ONLY	
		GROSS WEIGHT	ANALYSIS NUMBER
CRACK cocaine	1 P/B	1.88g	[REDACTED]
CRACK cocaine	6 P/B	3.10g	[REDACTED]
CRACK cocaine	19 P/B	6.52g	[REDACTED]
MARIJUANA	2 P/B	4.82g	[REDACTED]
MARIJUANA	LOOSE	2.41g	[REDACTED]

To be completed by ECU personnel only

Name and Rank of Submitting Officer Sybil White ID# 11069Received by ELO Date 4-13-10

ECU Control # \_\_\_\_\_

No. [REDACTED] Date Analyzed: 7/16/10  
City: Boston D.C.U. Police Dept.  
Officer: P.O. SYBIL WHITE  
Def: [REDACTED]  
Amount: [REDACTED] Subst: SUB  
No. Cont: 1 Cont: pb  
Date Rec'd: 04/13/2010 No. Analyzed:  
Gross Wt.: 1.88 Net Weight: 0.12  
# Tests: 6 • 20AC  
Prelim: Cocaine (1) Findings: Cocaine

No. [REDACTED] Date Analyzed: 7/16/10  
City: Boston D.C.U. Police Dept.  
Officer: P.O. SYBIL WHITE  
Def: [REDACTED]  
Amount: [REDACTED] Subst: SUB  
No. Cont: 6 Cont: pb  
Date Rec'd: 04/13/2010 No. Analyzed:  
Gross Wt.: 3.67 Net Weight: 0.17  
# Tests: 6 • 20AC  
Prelim: Cocaine (1) Findings: Cocaine

No. [REDACTED] Date Analyzed: 7/16/10  
City: Boston D.C.U. Police Dept.  
Officer: P.O. SYBIL WHITE  
Def: [REDACTED]  
Amount: [REDACTED] Subst: SUB  
No. Cont: 19 Cont: pb  
Date Rec'd: 04/13/2010 No. Analyzed: 2  
Gross Wt.: 6.52 Net Weight: 2.88  
# Tests: 1245 • 40AC  
Prelim: Cocaine (1) Findings: Cocaine

No. [REDACTED] Date Analyzed: 7/16/10  
City: Boston D.C.U. Police Dept.  
Officer: P.O. SYBIL WHITE  
Def: [REDACTED]  
Amount: [REDACTED] Subst: VM  
No. Cont: 2 Cont: pb  
Date Rec'd: 04/13/2010 No. Analyzed:  
Gross Wt.: 4.82 Net Weight:  
# Tests: 3000  
Prelim: Marijuana Findings: Marijuana

No. [REDACTED] Date Analyzed: 7/16/10  
City: Boston D.C.U. Police Dept.  
Officer: P.O. SYBIL WHITE  
Def: [REDACTED]  
Amount: [REDACTED] Subst: VM  
No. Cont: 1 Cont: pb  
Date Rec'd: 04/13/2010 No. Analyzed:  
Gross Wt.: 2.41 Net Weight:  
# Tests: 3000  
Prelim: Marijuana Findings: Marijuana

gross wt of 2 pb = 2.7

gross wt 1 pb = 1.1

GC/MSD  
D071410.S

GC/MSD  
D071410.S

Net wt = 0.1

GC/MSD  
D071410.S

# DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Boston ANALYST PJD

No. of samples tested: \_\_\_\_\_ Evidence Wt: \_\_\_\_\_

PHYSICAL DESCRIPTION: Gross Wt ( ): 0.14114

Off white chunky substance

17-18

Gross Wt ( ): \_\_\_\_\_

Pkg. Wt: \_\_\_\_\_

Net Wt: 0.1260

## PRELIMINARY TESTS

### Spot Tests

Cobalt  
Thiocyanate ( ) +

Marquis \_\_\_\_\_

Froehde's \_\_\_\_\_

Mecke's \_\_\_\_\_

### Microcrystalline Tests

Gold  
Chloride +

TLTA ( ) +

### OTHER TESTS

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

# DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Boston ANALYST AD

No. of samples tested: \_\_\_\_\_ Evidence Wt. \_\_\_\_\_

PHYSICAL DESCRIPTION: Gross Wt (6): 1.2510

OFF white chunky substance Gross Wt (1): 0.2324

116pb

Pkg. Wt: \_\_\_\_\_

Net Wt: 0.1729

## PRELIMINARY TESTS

### Spot Tests

Cobalt Thiocyanate (-) +

Marquis -

Froehde's -

Mecke's -

### Microcrystalline Tests

Gold Chloride +

TLTA (-) +

### OTHER TESTS

\_\_\_\_\_

## PRELIMINARY TEST RESULTS

RESULTS cocaine

DATE 7-13-10

## GC/MS CONFIRMATORY TEST

RESULTS cocaine

MS  
OPERATOR ICAC

DATE 7-16-10

# DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Boston ANALYST AS7

No. of samples tested: \_\_\_\_\_ Evidence Wt: \_\_\_\_\_

PHYSICAL DESCRIPTION: Gross Wt (1g): 4.0712

OFF white cherry substance  
1.19 gbs

Gross Wt (2): 0.4903

Pkg. Wt: \_\_\_\_\_

Net Wt: \_\_\_\_\_

## PRELIMINARY TESTS

### Spot Tests

Cobalt

2 Thiocyanate (-) +

2 Marquis -

2 Froehde's ~

2 Mecke's -

### Microcrystalline Tests

Gold

2 Chloride +

2 TLTA (-) +

### OTHER TESTS

## PRELIMINARY TEST RESULTS

RESULTS cocaine

DATE 7-13-10

## GC/MS CONFIRMATORY TEST

RESULTS cocaine

MS  
OPERATOR kgc

DATE 7-16-10

Sample #

# samples tested: 2

#	Gross Weight	Packet Weight	Net Weight	#	Gross Weight	Packet Weight	Net Weight
1	0.2161	0.0975	0.1186	26			
2	0.27117	0.08961	0.1853	27			
3				28			
4				29			
5				30			
6				31			
7				32			
8				33			
9				34			
10				35			
11				36			
12				37			
13				38			
14				39			
15				40			
16				41			
17				42			
18				43			
19				44			
20				45			
21				46			
22				47			
23				48			
24				49			
25				50			

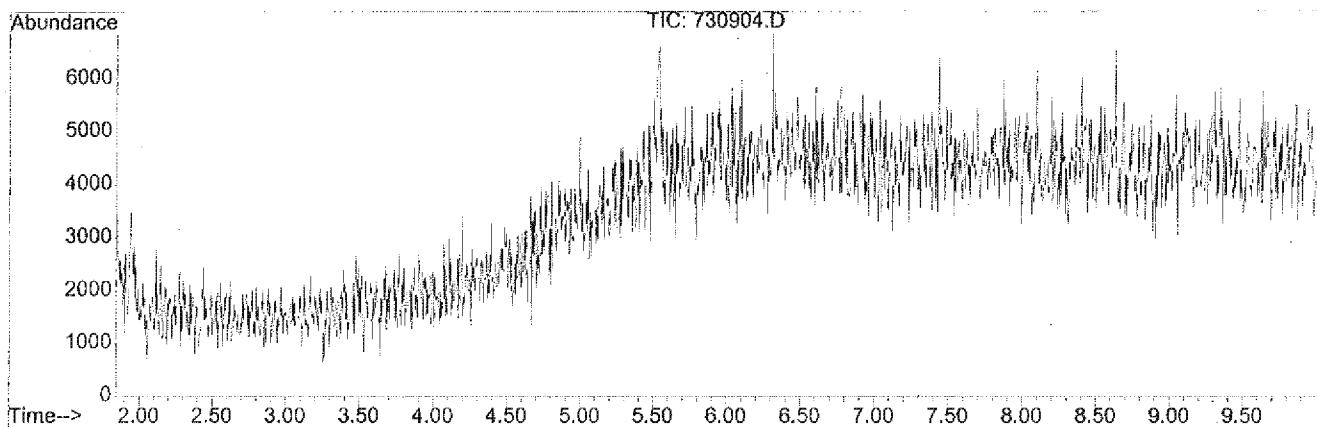
Calculations: Net wt

$$\text{Est Net wt} = 0.3039 / 2 = 0.1519 \text{ (1g)}$$
$$= 2.8861$$

✓KAC  
10/25/11

## Information from Data File:

File Name : F:\Q3-2010\SYSTEM4\07\_14\_10\730904.D  
Operator : KAC  
Date Acquired : 14 Jul 2010 11:12  
Sample Name : BLANK  
Submitted by :  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

\*\*\*NO INTEGRATED PEAKS\*\*\*

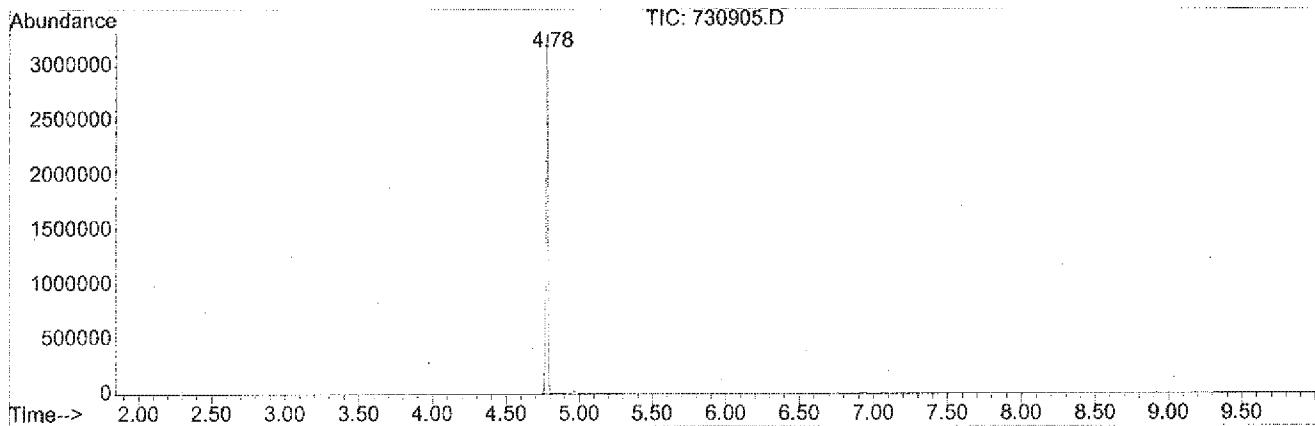
# Area Percent / Library Search Report

---

Information from Data File:

File Name : F:\Q3-2010\SYSTEM4\07\_14\_10\730905.D  
Operator : KAC  
Date Acquired : 14 Jul 2010 11:26  
Sample Name : COCAINE STD  
Submitted by :  
Vial Number : 5  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
4.776	3103653	100.00	100.00

---

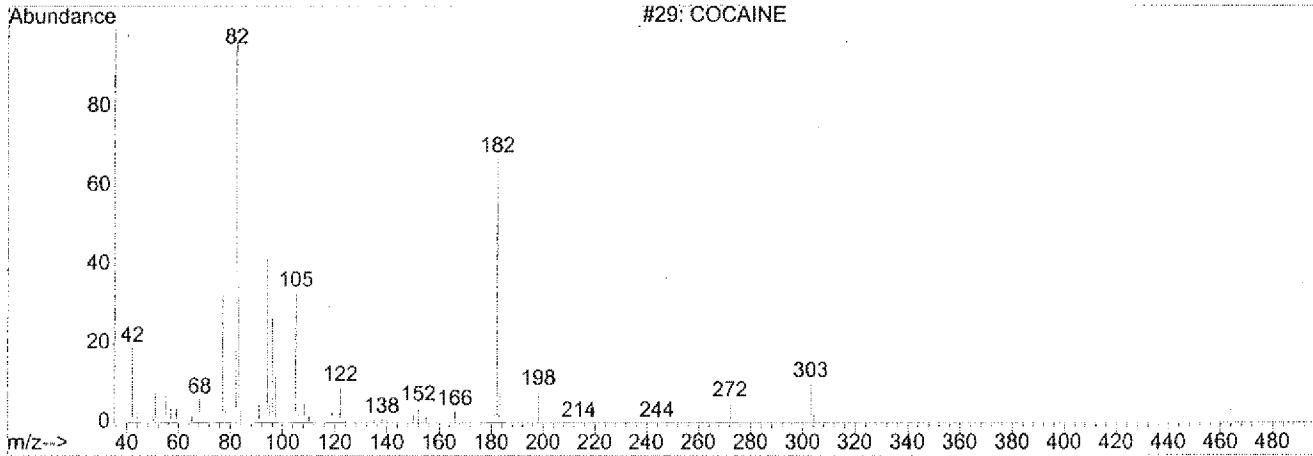
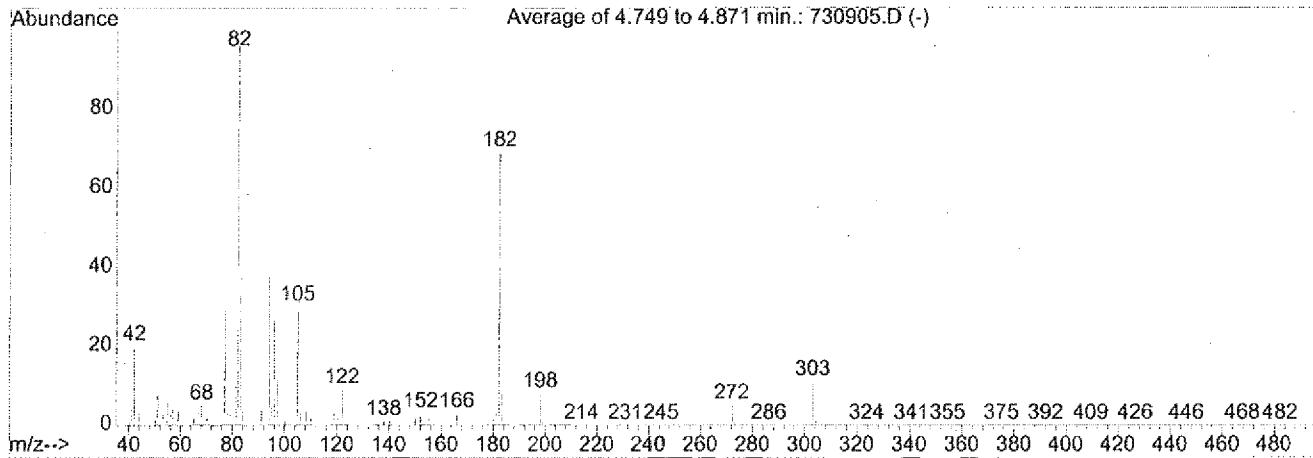
# Area Percent / Library Search Report

**Information from Data File:**

File Name : F:\Q3-2010\SYSTEM4\07\_14\_10\730905.D  
Operator : KAC  
Date Acquired : 14 Jul 2010 11:26  
Sample Name : COCAINE STD  
Submitted by :  
Vial Number : 5  
AcquisitionMeth: DRUGS  
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	4.78	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



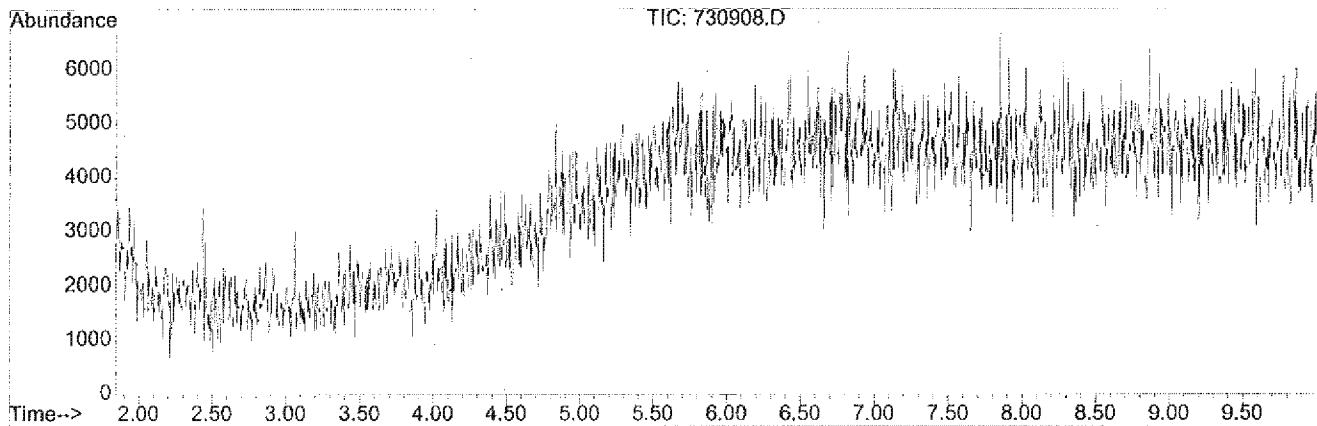
# Area Percent / Library Search Report

---

Information from Data File:

File Name : F:\Q3-2010\SYSTEM4\07\_14\_10\730908.D  
Operator : KAC  
Date Acquired : 14 Jul 2010 12:07  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

---

\*\*\*NO INTEGRATED PEAKS\*\*\*

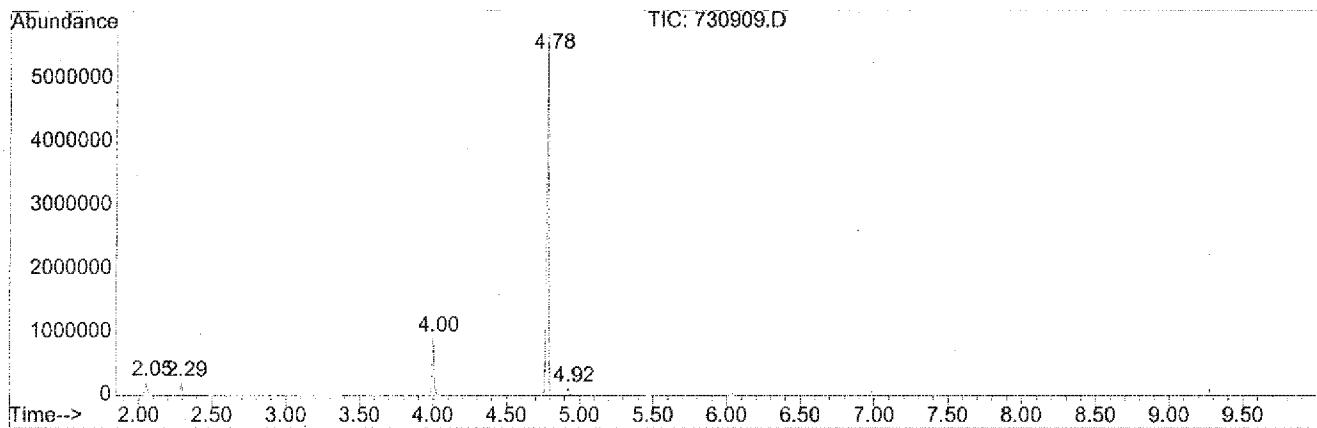
# Area Percent / Library Search Report

---

Information from Data File:

File Name : F:\Q3-2010\SYSTEM4\07\_14\_10\730909.D  
Operator : KAC  
Date Acquired : 14 Jul 2010 12:20  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 9  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



---

Ret. Time	Area	Area %	Ratio %
2.050	290923	3.91	4.98
2.288	204941	2.76	3.51
3.996	969036	13.03	16.58
4.779	5843542	78.58	100.00
4.922	127679	1.72	2.18

---

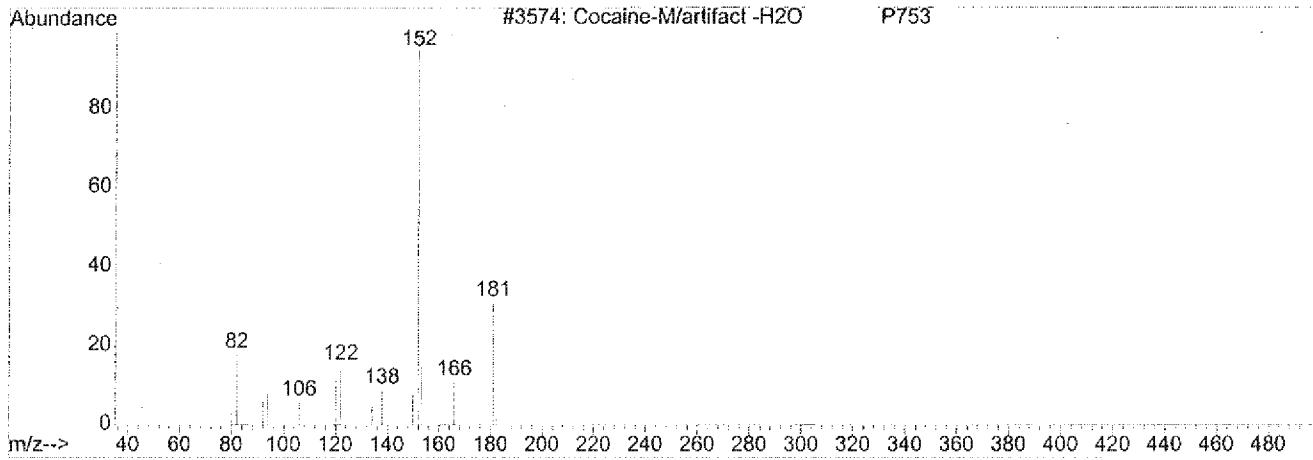
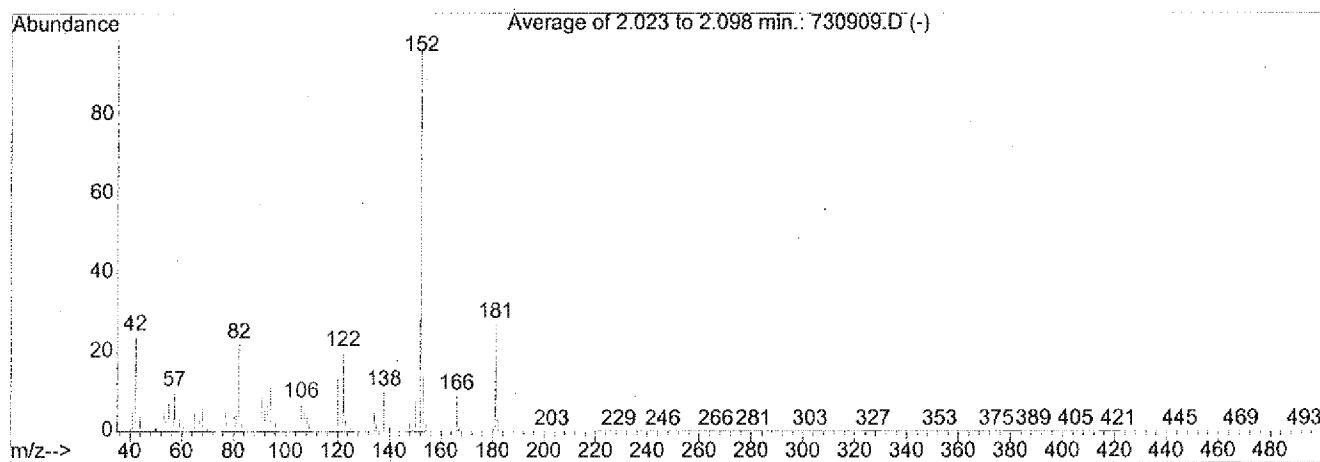
# Area Percent / Library Search Report

**Information from Data File:**

File Name : F:\Q3-2010\SYSTEM4\07\_14\_10\730909.D  
Operator : KAC  
Date Acquired : 14 Jul 2010 12:20  
Sample Name : [REDACTED]  
Submitted by : ASD  
Vial Number : 9  
AcquisitionMeth: DRUGS  
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	2.05	C:\DATABASE\PMW_TOX2.L		
		Cocaine-M/artifact -H2O	000000-00-0	98
		MDA-M (desmethylene-methyl-) ME	@ 000000-00-0	37
		Metipranolol-M/artifact AC	000000-00-0	25



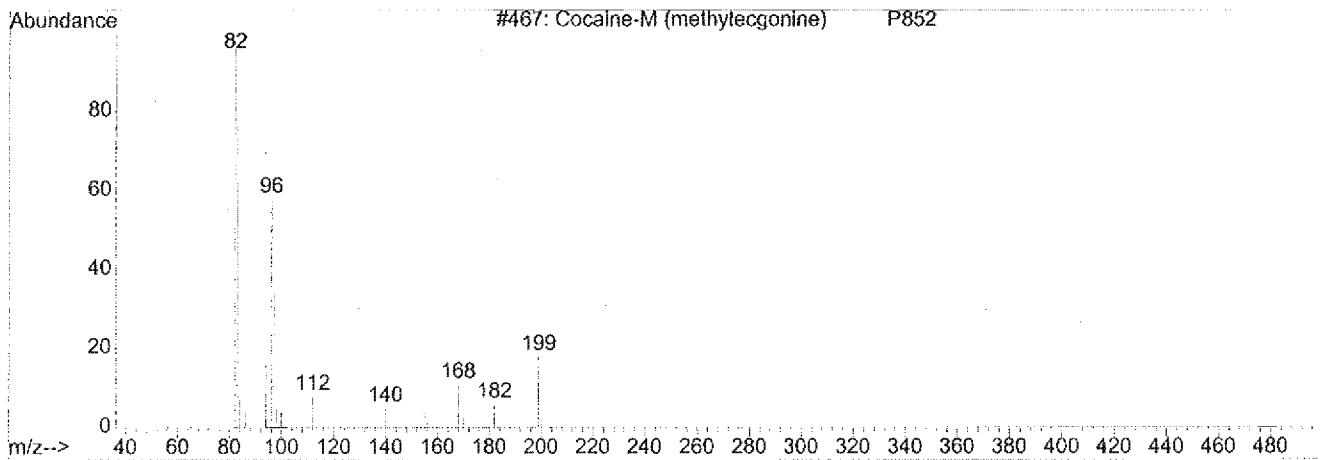
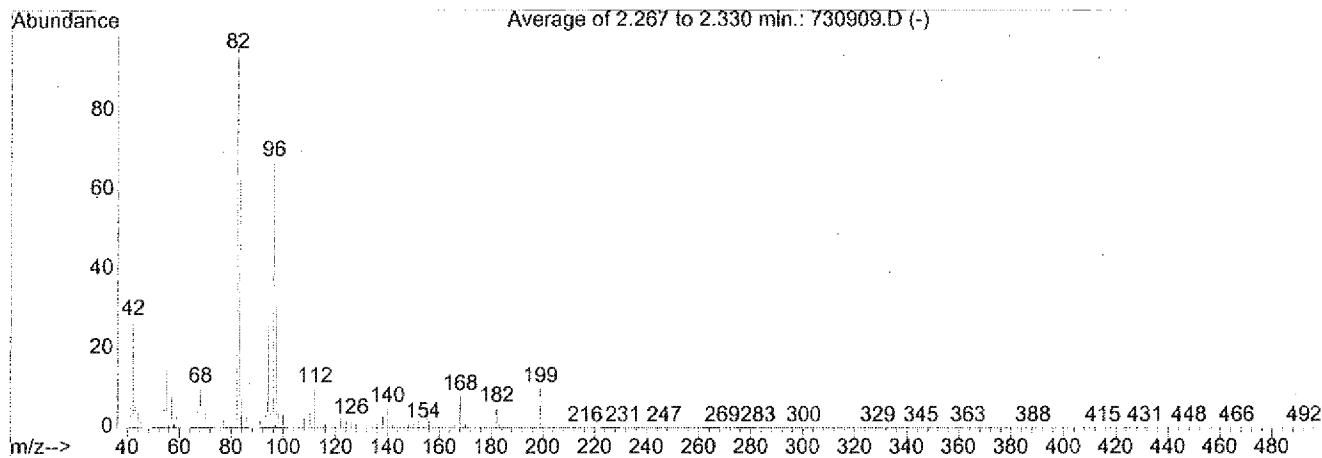
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2010\SYSTEM4\07\_14\_10\730909.D  
 Operator : KAC  
 Date Acquired : 14 Jul 2010 12:20  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 9  
 AcquisitionMeth: DRUGS  
 Integrator : RTE

Search Libraries:	C:\DATABASE\SLI.L	Minimum Quality: 90
	C:\DATABASE\PMW_TOX2.L	Minimum Quality: 90
	C:\DATABASE\NIST98.L	

PK#	RT	Library/ID	CAS#	Qual
2	2.29	C:\DATABASE\PMW_TOX2.L		
		Cocaine-M (methylecgonine)	007143-09-1	96
		Cocaine	000050-36-2	36
		Selegiline-M (nor-HO-) 2AC	000000-00-0	9



# Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2010\SYSTEM4\07\_14\_10\730909.D  
Operator : KAC  
Date Acquired : 14 Jul 2010 12:20  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 9  
AcquisitionMeth: DRUGS  
Integrator : RTE

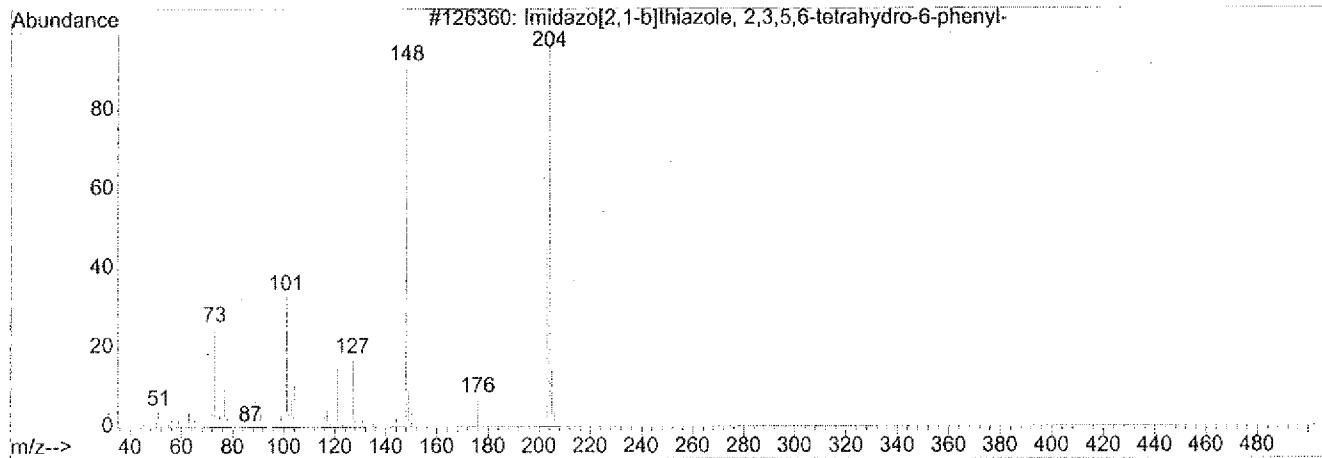
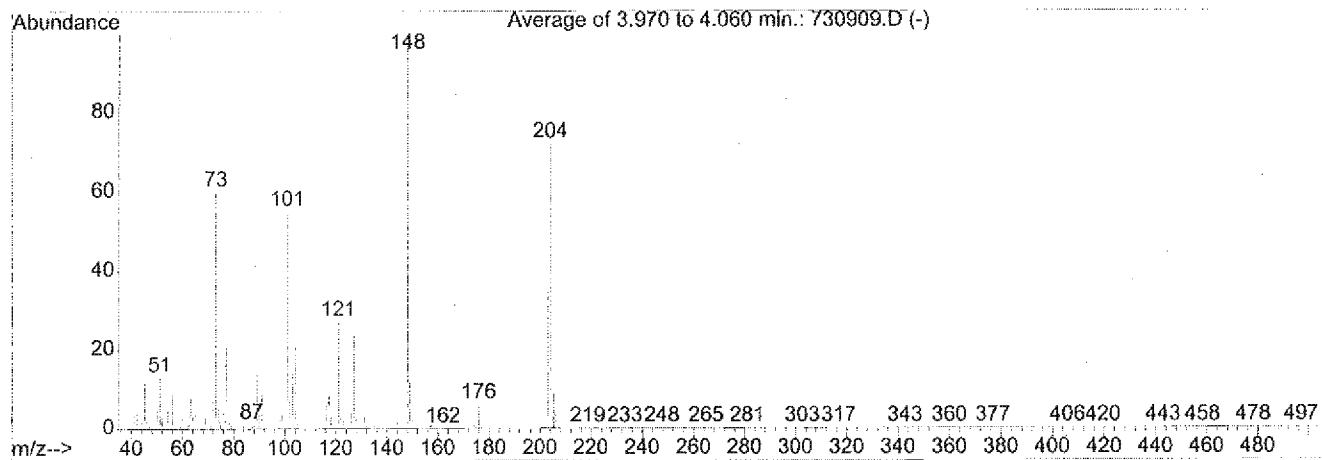
---

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

---

PK#	RT	Library/ID	CAS#	Qual
3	4.00	C:\DATABASE\NIST98.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	99
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98

---



# Area Percent / Library Search Report

**Information from Data File:**

File Name : F:\Q3-2010\SYSTEM4\07\_14\_10\730909.D  
Operator : KAC  
Date Acquired : 14 Jul 2010 12:20  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 9  
AcquisitionMeth: DRUGS  
Integrator : RTE

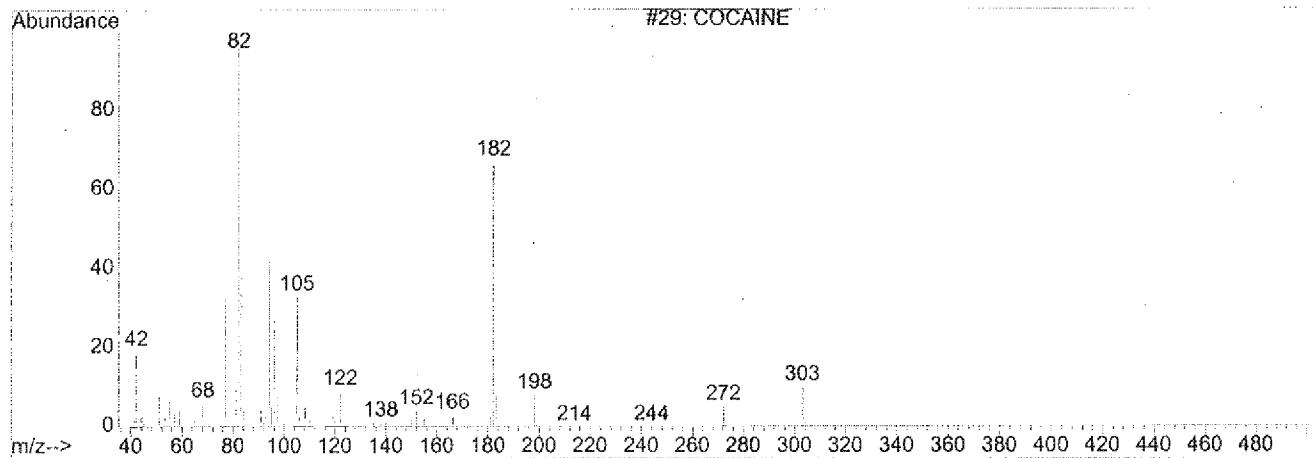
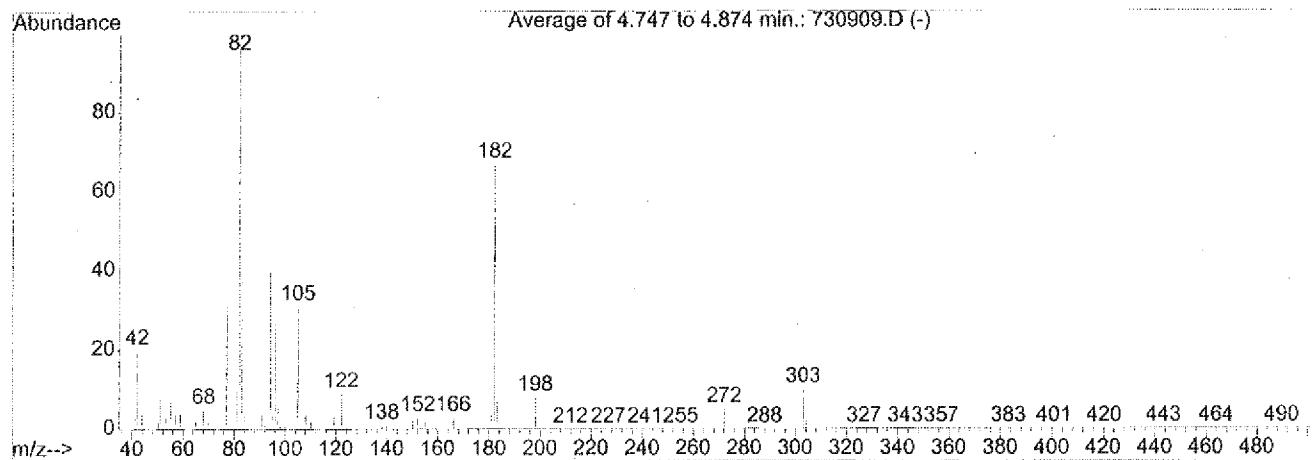
---

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

---

PK#	RT	Library/ID	CAS#	Qual
4	4.78	C:\DATABASE\SLI.L COCAINE	000050-36-2	99

---



# Area Percent / Library Search Report

**Information from Data File:**

File Name : F:\Q3-2010\SYSTEM4\07\_14\_10\730909.D  
Operator : KAC  
Date Acquired : 14 Jul 2010 12:20  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 9  
AcquisitionMeth: DRUGS  
Integrator : RTE

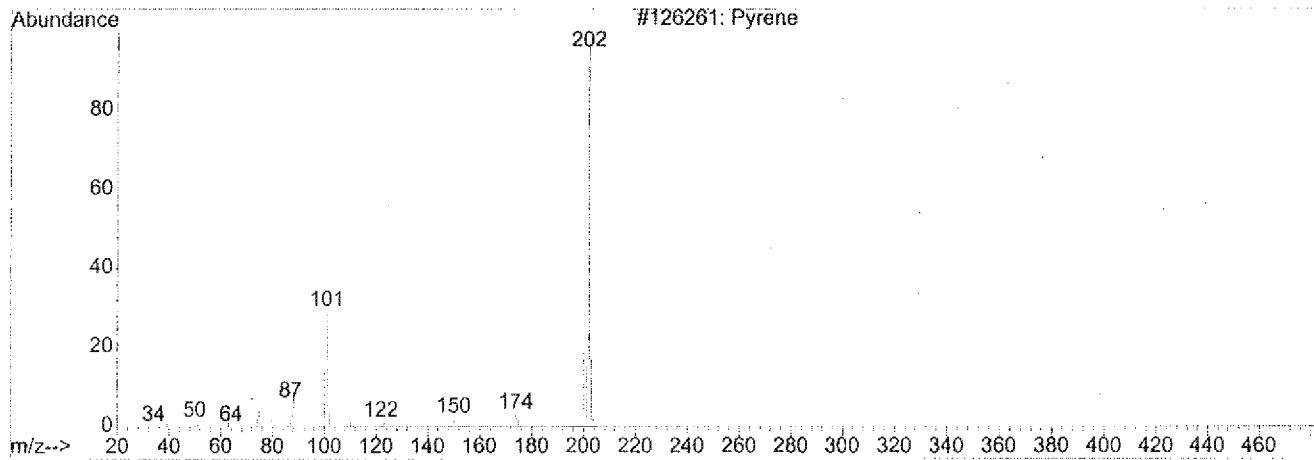
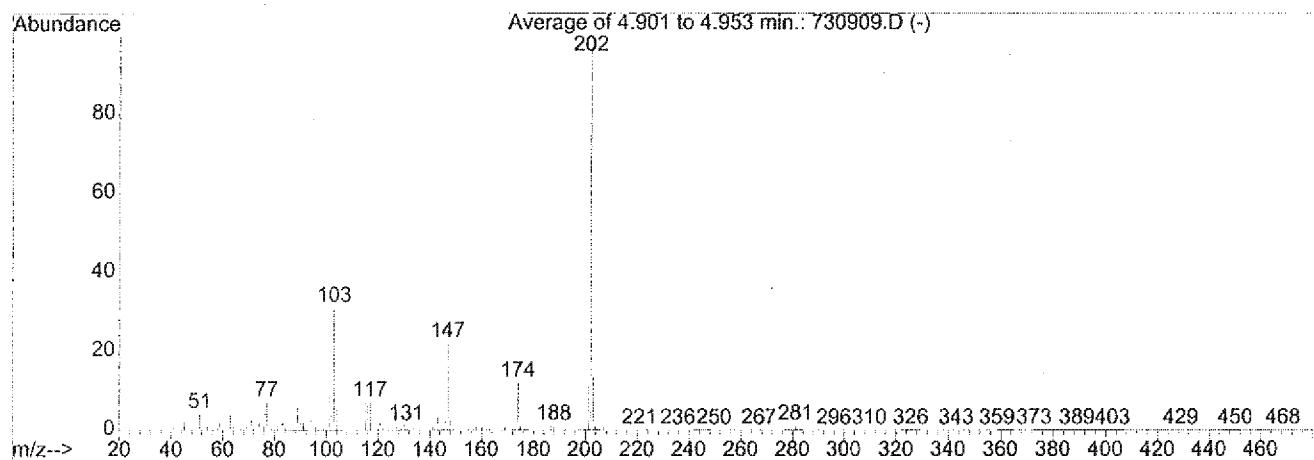
---

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

---

PK#	RT	Library/ID	CAS#	Qual
5	4.92	C:\DATABASE\NIST98.L		
		Pyrene	000129-00-0	47
		Fluoranthene	000206-44-0	47
		Fluoranthene	000206-44-0	43

---



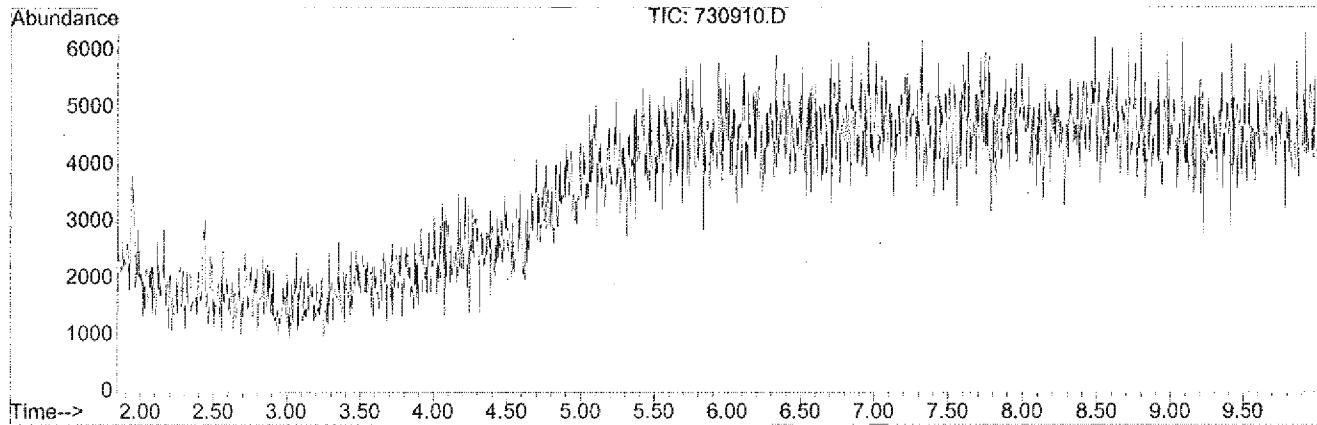
Area Percent / Library Search Report

---

Information from Data File:

File Name : F:\Q3-2010\SYSTEM4\07\_14\_10\730910.D  
Operator : KAC  
Date Acquired : 14 Jul 2010 12:34  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

---

\*\*\*NO INTEGRATED PEAKS\*\*\*

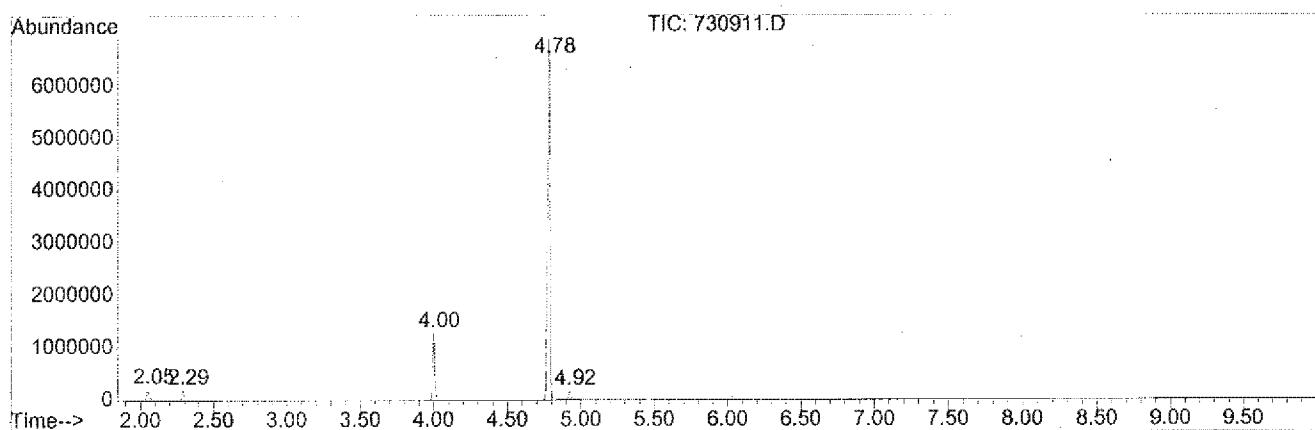
# Area Percent / Library Search Report

---

Information from Data File:

File Name : F:\Q3-2010\SYSTEM4\07\_14\_10\730911.D  
Operator : KAC  
Date Acquired : 14 Jul 2010 12:47  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 11  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
2.050	320678	3.25	4.09
2.288	189478	1.92	2.41
3.996	1334844	13.52	17.01
4.779	7848688	79.50	100.00
4.922	179197	1.82	2.28

---

# Area Percent / Library Search Report

**Information from Data File:**

File Name : F:\Q3-2010\SYSTEM4\07\_14\_10\730911.D  
Operator : KAC  
Date Acquired : 14 Jul 2010 12:47  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 11  
AcquisitionMeth: DRUGS  
Integrator : RTE

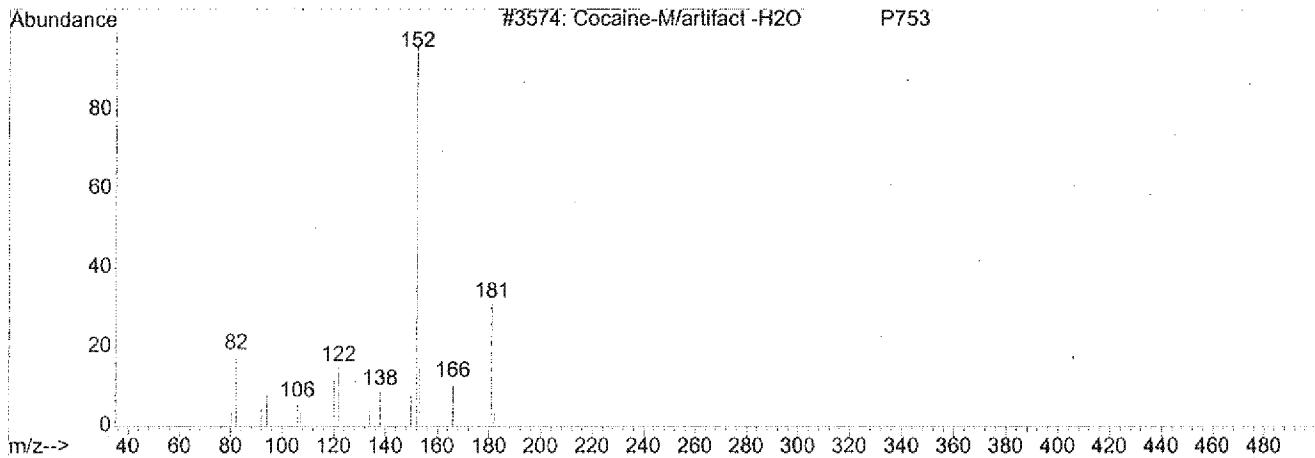
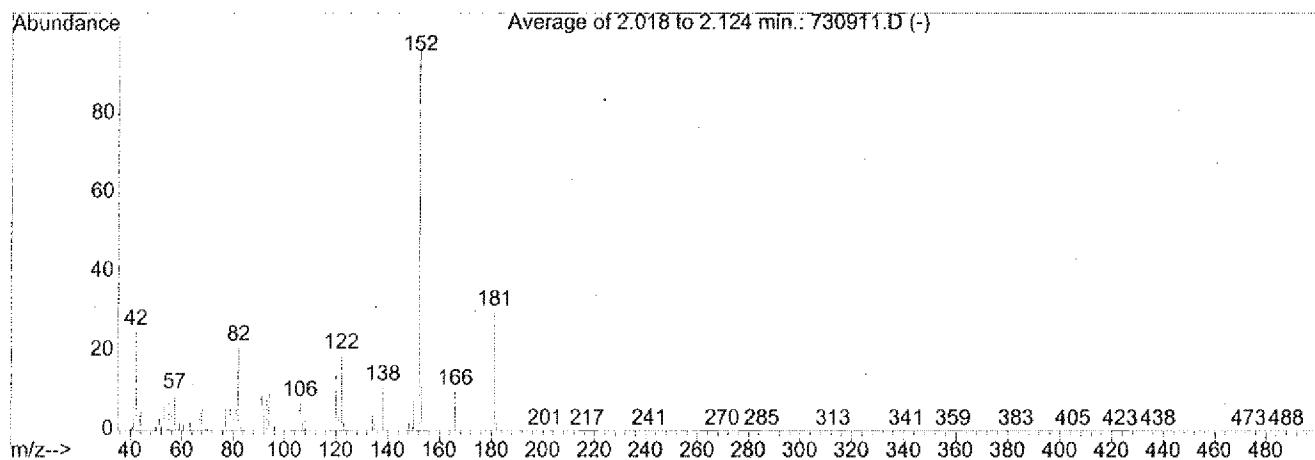
---

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

---

PK#	RT	Library/ID	CAS#	Qual
1	2.05	C:\DATABASE\PMW_TOX2.L		
		Cocaine-M/artifact -H2O	000000-00-0	98
		Metipranolol-M/artifact AC	000000-00-0	25
		DMA	002801-68-5	17

---



# Area Percent / Library Search Report

**Information from Data File:**

File Name : F:\Q3-2010\SYSTEM4\07\_14\_10\730911.D  
Operator : KAC  
Date Acquired : 14 Jul 2010 12:47  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 11  
AcquisitionMeth: DRUGS  
Integrator : RTE

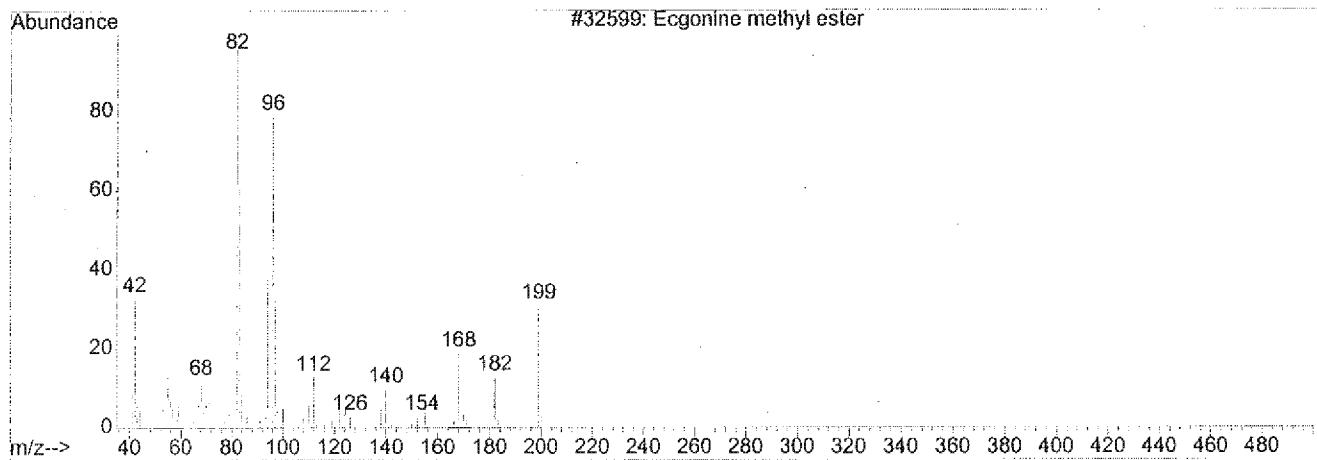
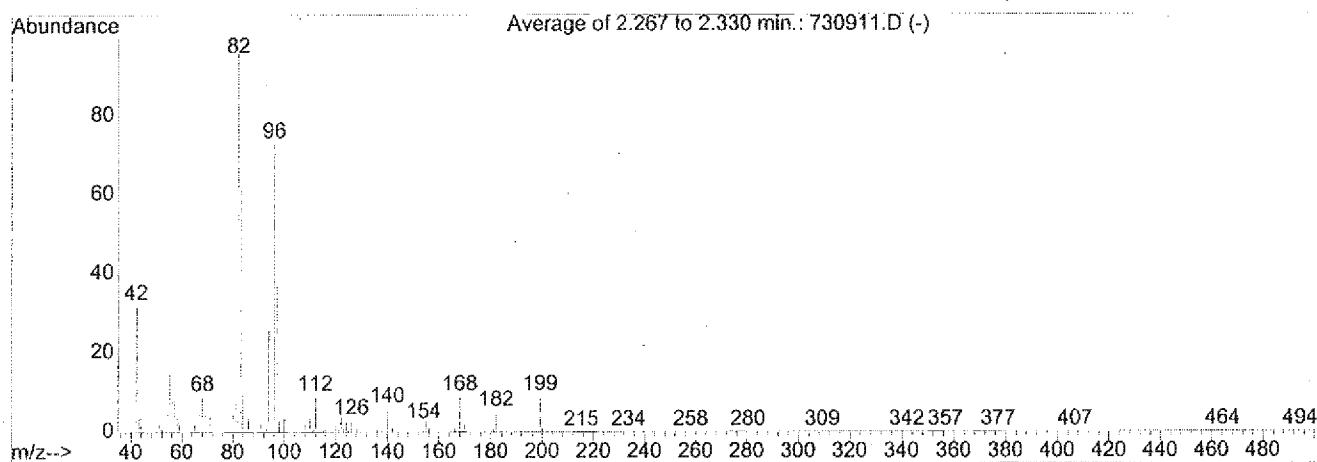
---

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

---

PK#	RT	Library/ID	CAS#	Qual
2	2.29	C:\DATABASE\NIST98.L		
		Ecgonine methyl ester	106293-60-1	97
		Methylecgonine	007143-09-1	96
		Methylecgonine	007143-09-1	96

---



# Area Percent / Library Search Report

**Information from Data File:**

File Name : F:\Q3-2010\SYSTEM4\07\_14\_10\730911.D  
Operator : KAC  
Date Acquired : 14 Jul 2010 12:47  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 11  
AcquisitionMeth: DRUGS  
Integrator : RTE

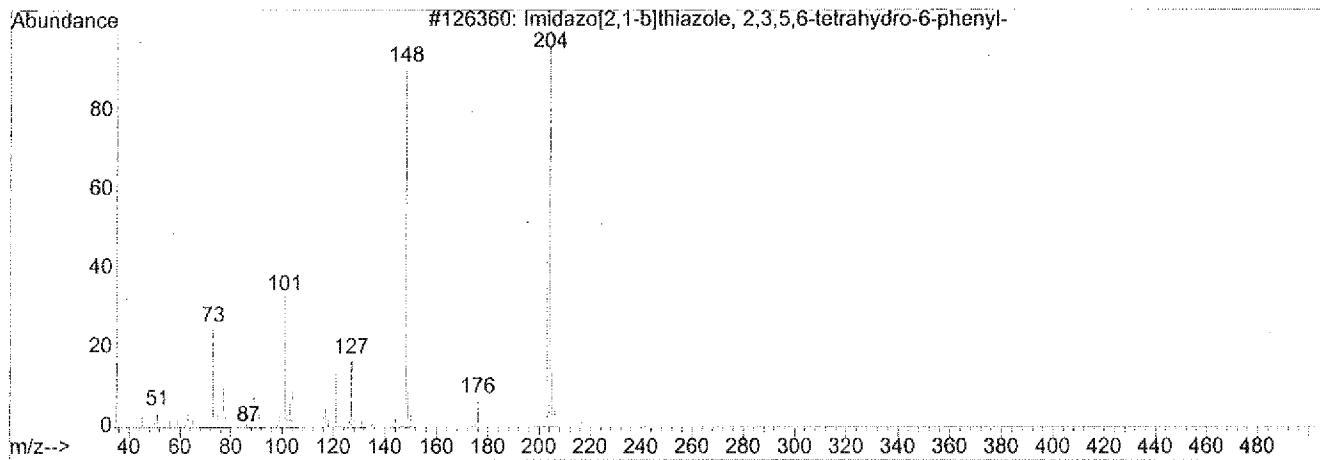
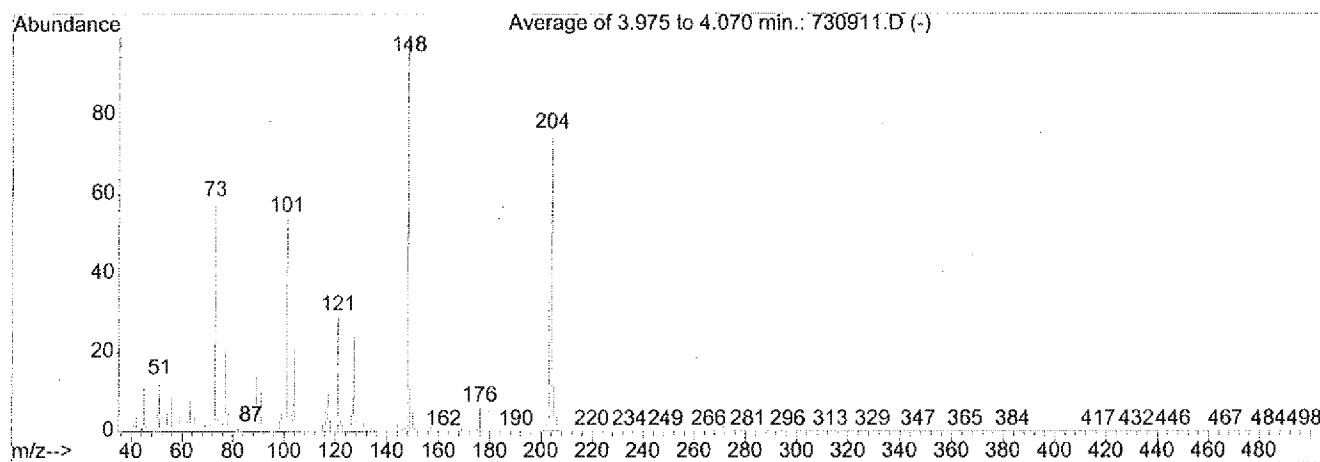
---

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

---

PK#	RT	Library/ID	CAS#	Qual
3	4.00	C:\DATABASE\NIST98.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	97
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	97

---



# Area Percent / Library Search Report

**Information from Data File:**

File Name : F:\Q3-2010\SYSTEM4\07\_14\_10\730911.D  
Operator : KAC  
Date Acquired : 14 Jul 2010 12:47  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 11  
AcquisitionMeth: DRUGS  
Integrator : RTE

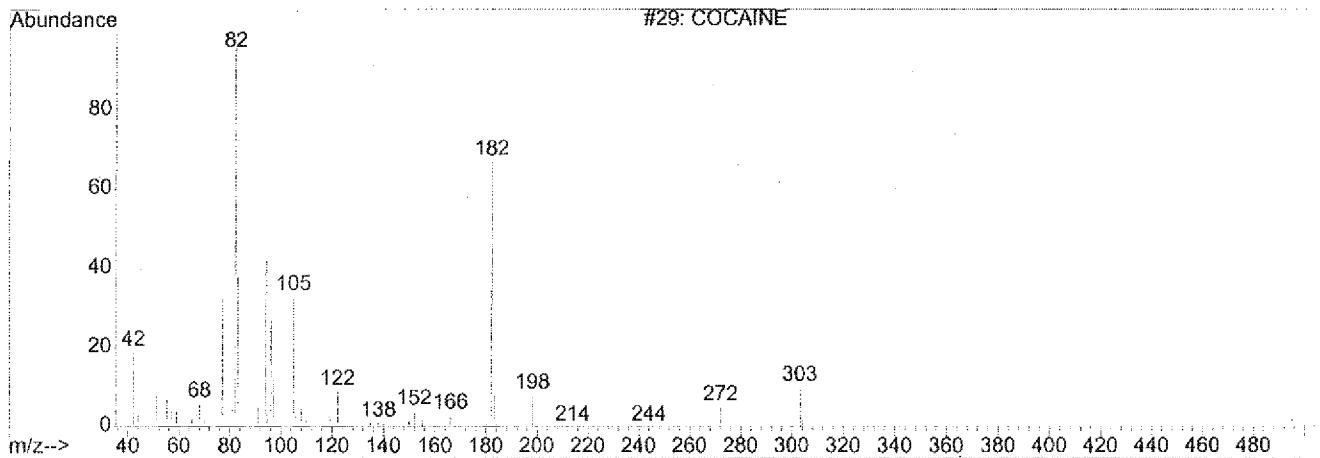
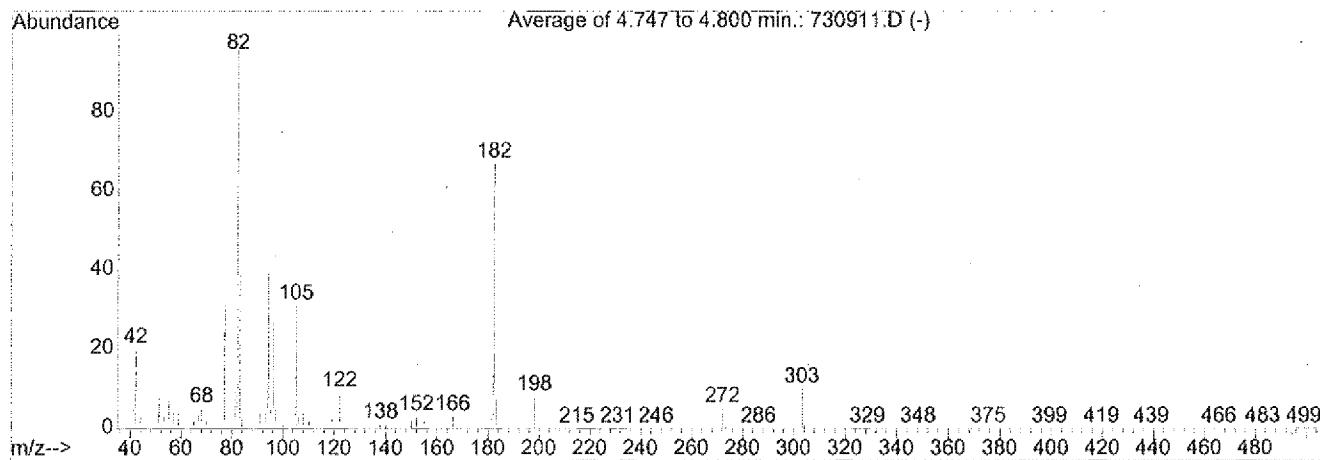
---

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

---

PK#	RT	Library/ID	CAS#	Qual
4	4.78	C:\DATABASE\SLI.L COCAINE	000050-36-2	99

---



# Area Percent / Library Search Report

**Information from Data File:**

File Name : F:\Q3-2010\SYSTEM4\07\_14\_10\730911.D  
Operator : KAC  
Date Acquired : 14 Jul 2010 12:47  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 11  
AcquisitionMeth: DRUGS  
Integrator : RTE

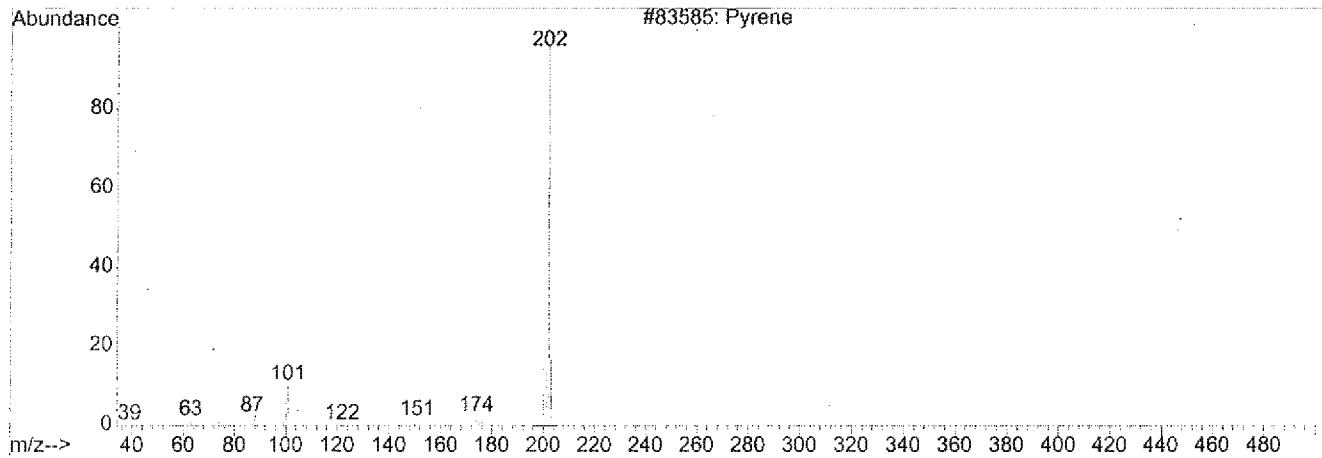
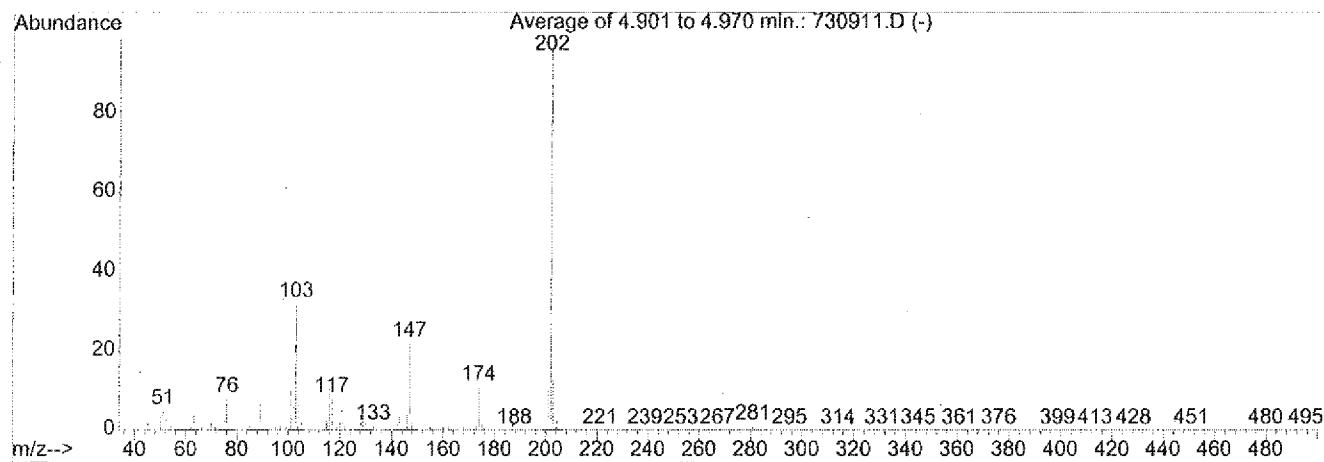
---

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

---

PK#	RT	Library/ID	CAS#	Qual
5	4.92	C:\DATABASE\NIST98.L		
		Pyrene	000129-00-0	49
		7H-Furo[3,2-g] [1]benzopyran-7-one,	002009-24-7	47
		Fluoranthene	000206-44-0	47

---



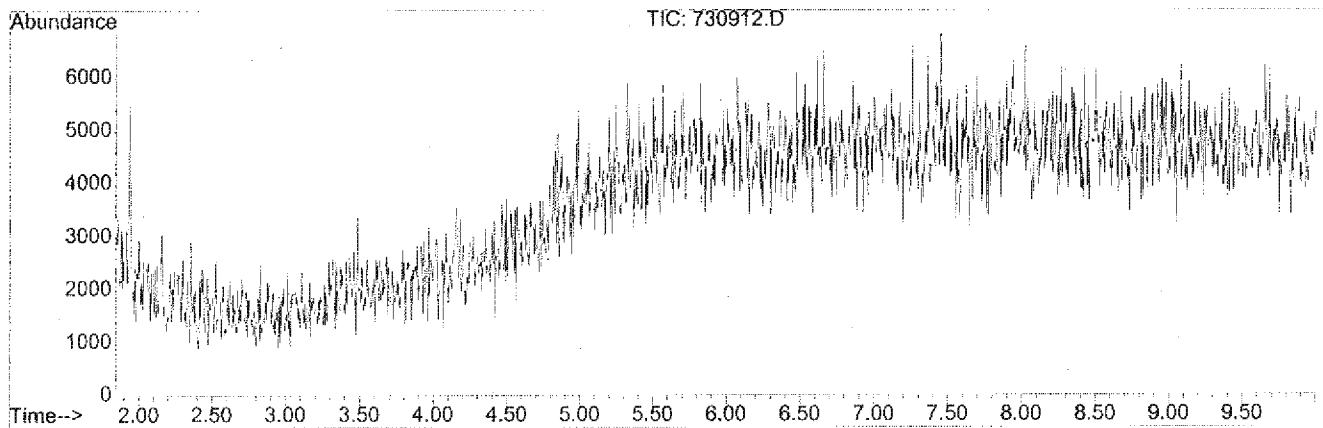
# Area Percent / Library Search Report

---

Information from Data File:

File Name : F:\Q3-2010\SYSTEM4\07\_14\_10\730912.D  
Operator : KAC  
Date Acquired : 14 Jul 2010 13:01  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

---

\*\*\*NO INTEGRATED PEAKS\*\*\*

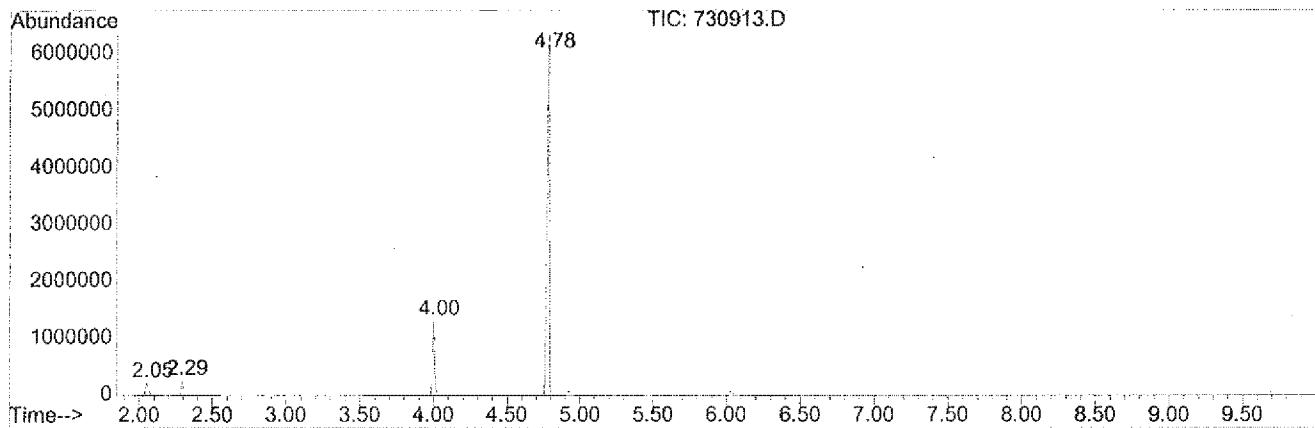
# Area Percent / Library Search Report

---

Information from Data File:

File Name : F:\Q3-2010\SYSTEM4\07\_14\_10\730913.D  
Operator : KAC  
Date Acquired : 14 Jul 2010 13:14  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 13  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



---

Ret. Time	Area	Area %	Ratio %
2.051	337680	3.89	4.98
2.289	247974	2.86	3.66
3.997	1321808	15.22	19.50
4.780	6777602	78.04	100.00

---

# Area Percent / Library Search Report

**Information from Data File:**

File Name : F:\Q3-2010\SYSTEM4\07\_14\_10\730913.D  
Operator : KAC  
Date Acquired : 14 Jul 2010 13:14  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 13  
AcquisitionMeth: DRUGS  
Integrator : RTE

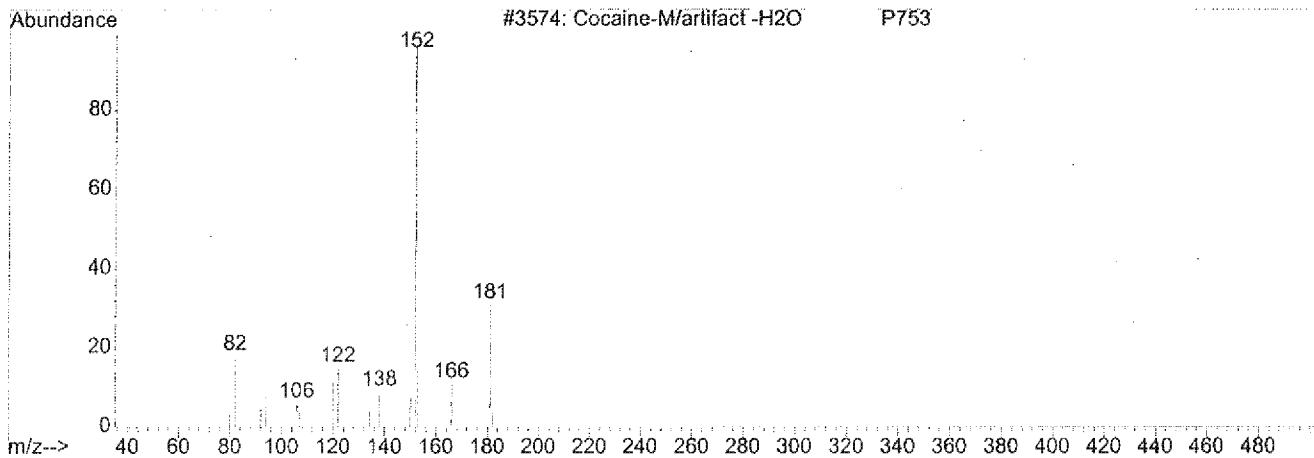
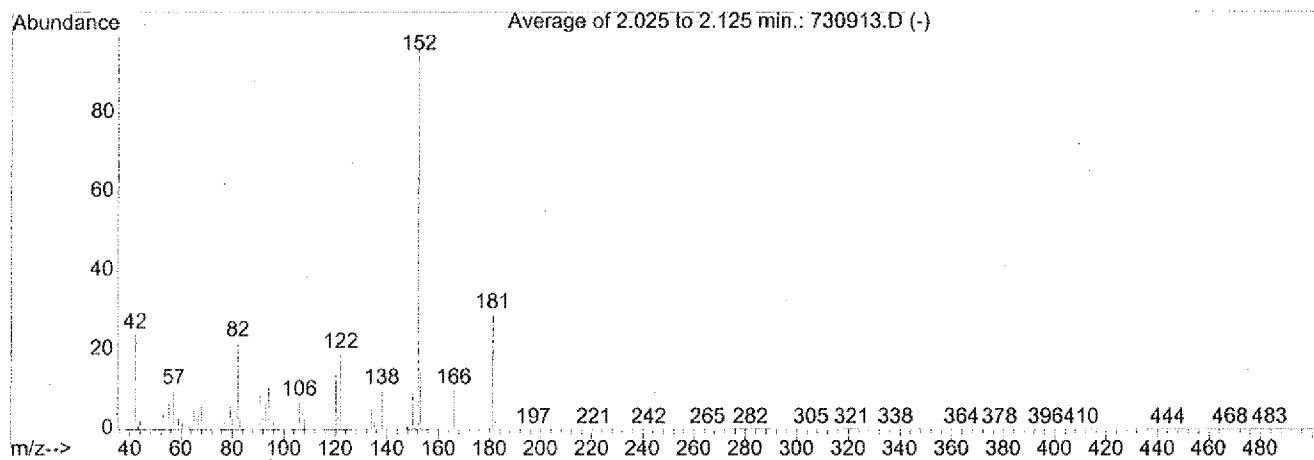
---

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

---

PK#	RT	Library/ID	CAS#	Qual
1	2.05	C:\DATABASE\PMW_TOX2.L		
		Cocaine-M/artifact -H2O	000000-00-0	98
		Metipranolol-M/artifact AC	000000-00-0	17
		MDA-M (desmethylene-methyl-) ME @	000000-00-0	9

---



# Area Percent / Library Search Report

---

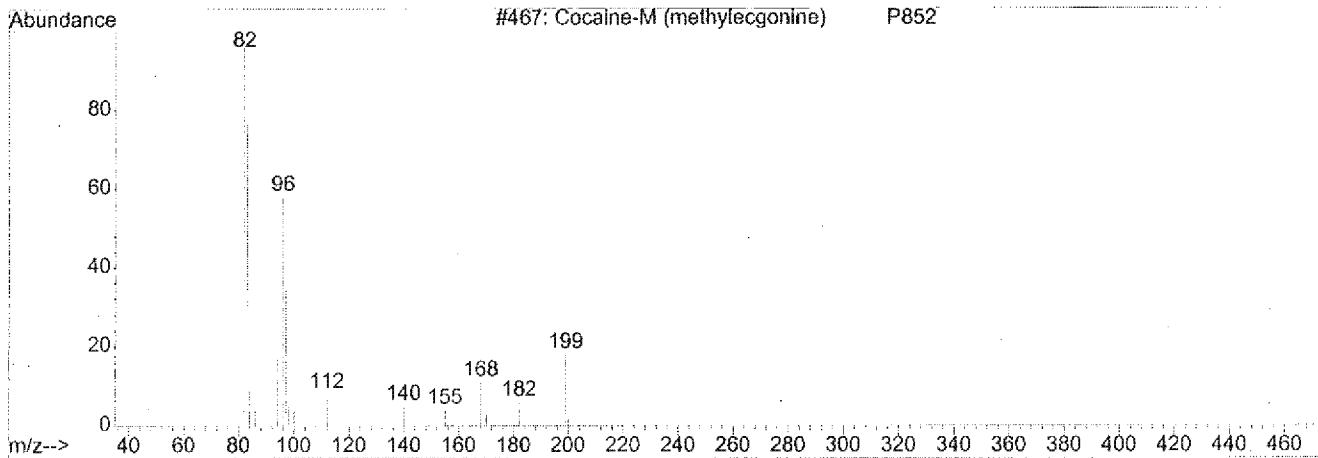
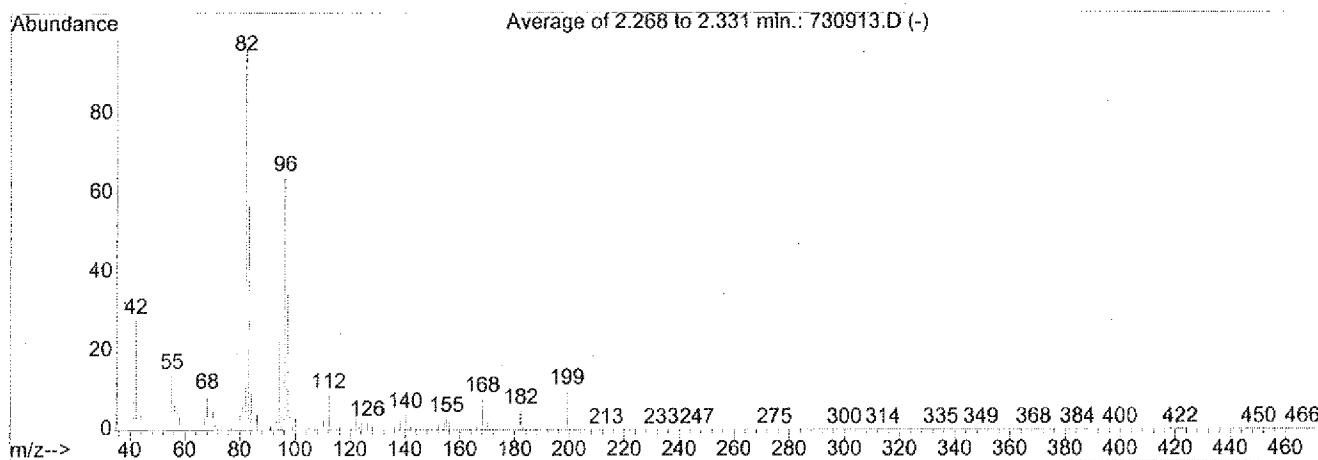
Information from Data File:

File Name : F:\Q3-2010\SYSTEM4\07\_14\_10\730913.D  
Operator : KAC  
Date Acquired : 14 Jul 2010 13:14  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 13  
AcquisitionMeth: DRUGS  
Integrator : RTE

---

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
2	2.29	C:\DATABASE\PMW_TOX2.L		
		Cocaine-M (methylecgonine)	007143-09-1	96
		Cocaine	000050-36-2	38
		Cocaine-M (methylecgonine) AC	000000-00-0	9



# Area Percent / Library Search Report

**Information from Data File:**

File Name : F:\Q3-2010\SYSTEM4\07\_14\_10\730913.D  
Operator : KAC  
Date Acquired : 14 Jul 2010 13:14  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 13  
AcquisitionMeth: DRUGS  
Integrator : RTE

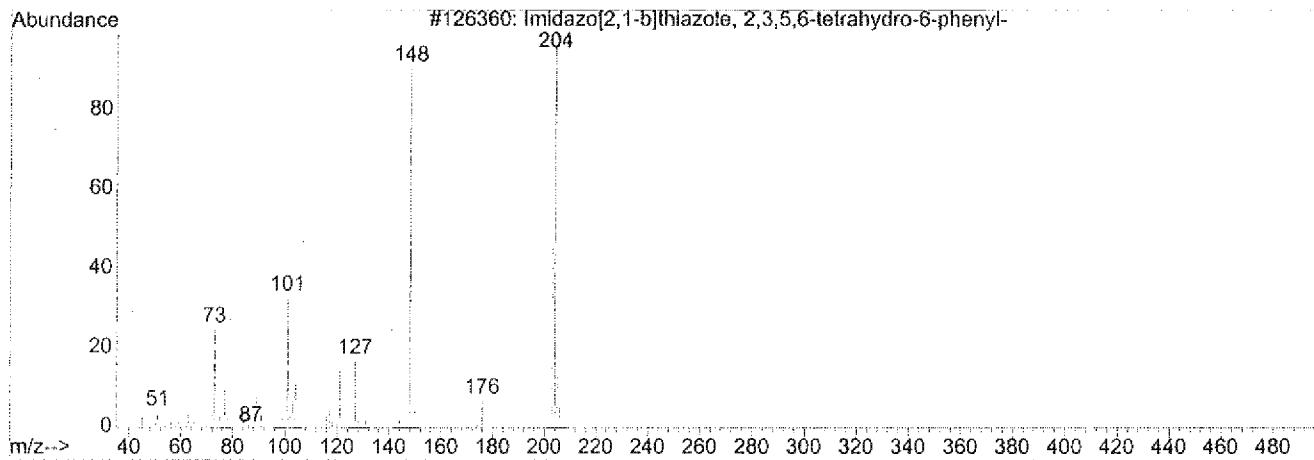
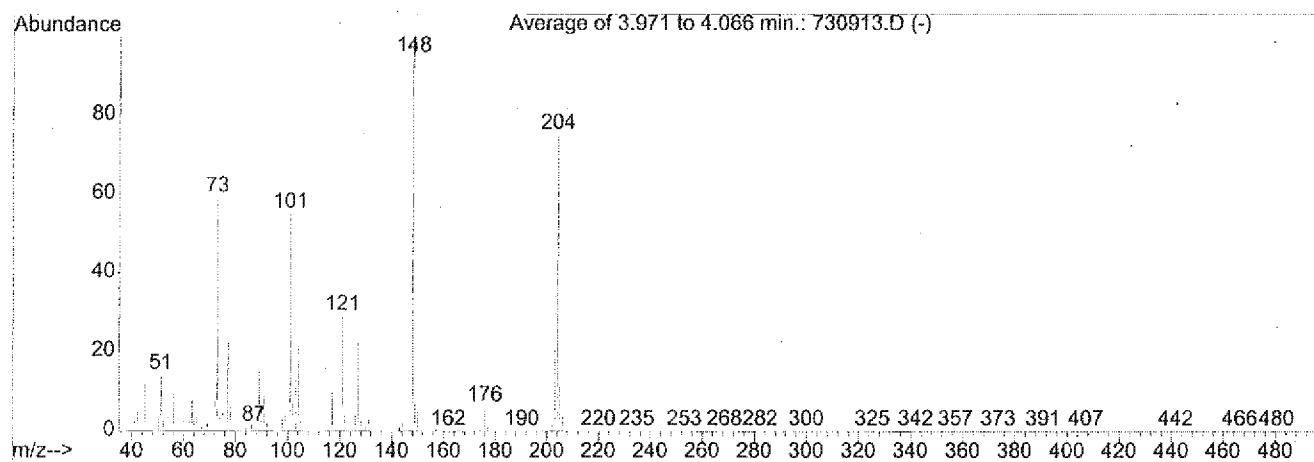
---

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

---

PK#	RT	Library/ID	CAS#	Qual
3	4.00	C:\DATABASE\NIST98.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	99
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	99
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	97

---



# Area Percent / Library Search Report

**Information from Data File:**

File Name : F:\Q3-2010\SYSTEM4\07\_14\_10\730913.D  
Operator : KAC  
Date Acquired : 14 Jul 2010 13:14  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 13  
AcquisitionMeth: DRUGS  
Integrator : RTE

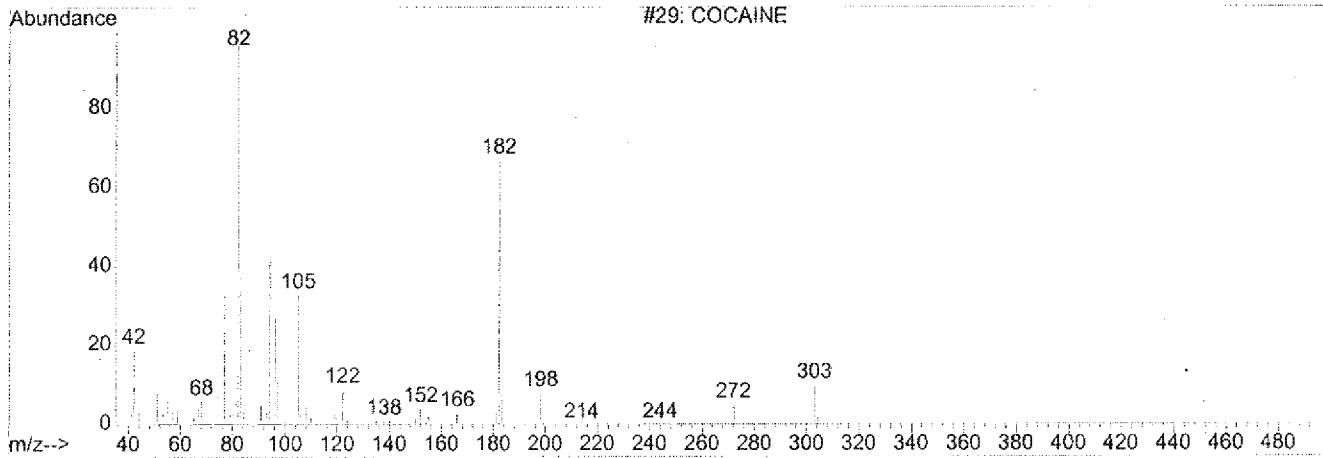
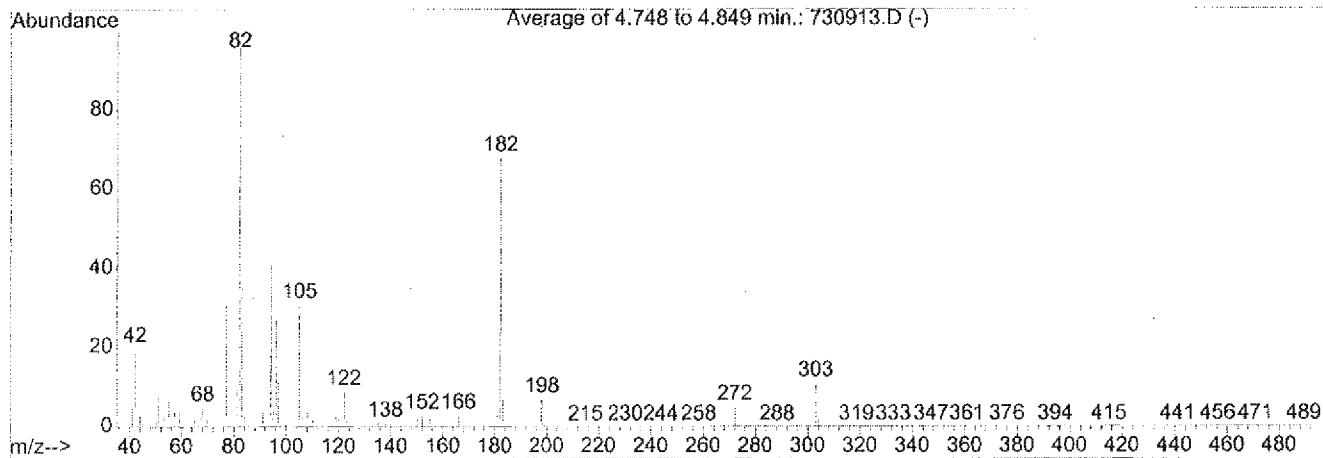
---

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

---

PK#	RT	Library/ID	CAS#	Qual
4	4.78	C:\DATABASE\SLI.L COCAINE	000050-36-2	99

---



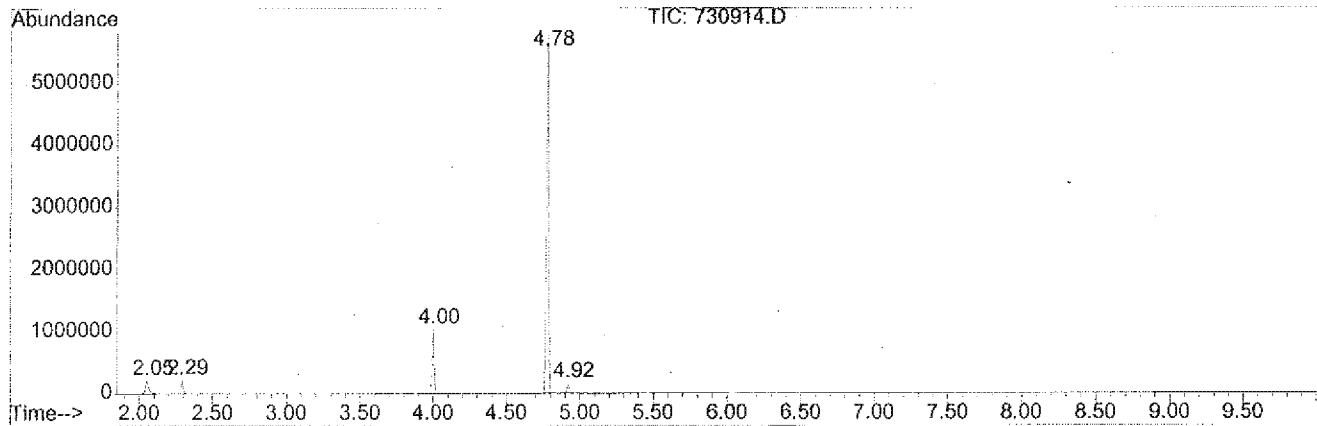
# Area Percent / Library Search Report

---

Information from Data File:

File Name : F:\Q3-2010\SYSTEM4\07\_14\_10\730914.D  
Operator : KAC  
Date Acquired : 14 Jul 2010 13:28  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 14  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



---

Ret. Time	Area	Area %	Ratio %
2.053	315040	4.10	5.29
2.291	200717	2.61	3.37
3.999	1061624	13.81	17.82
4.777	5959129	77.51	100.00
4.919	151242	1.97	2.54

---

# Area Percent / Library Search Report

**Information from Data File:**

File Name : F:\Q3-2010\SYSTEM4\07\_14\_10\730914.D  
Operator : KAC  
Date Acquired : 14 Jul 2010 13:28  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 14  
AcquisitionMeth: DRUGS  
Integrator : RTE

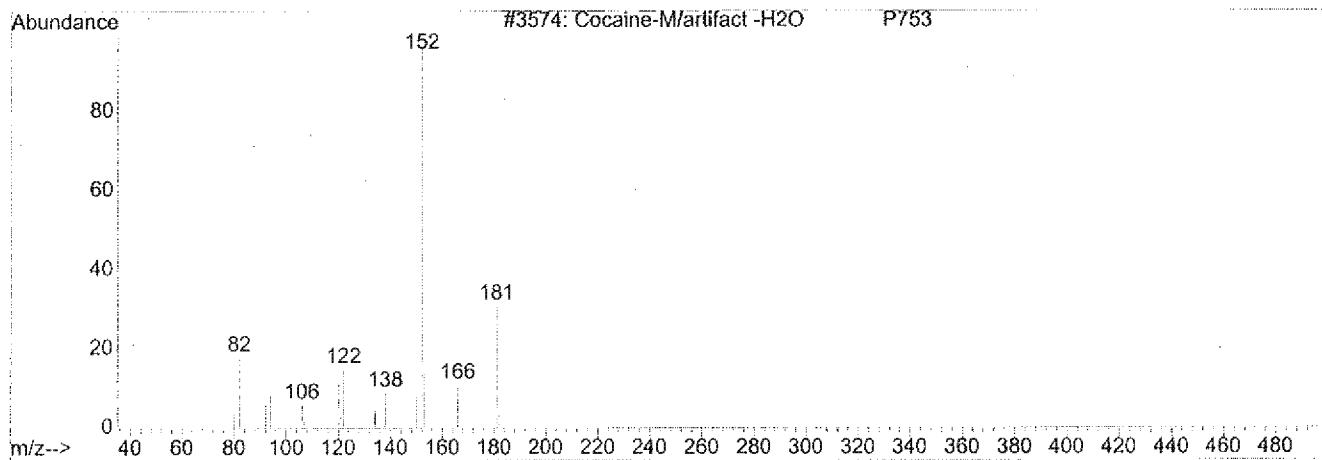
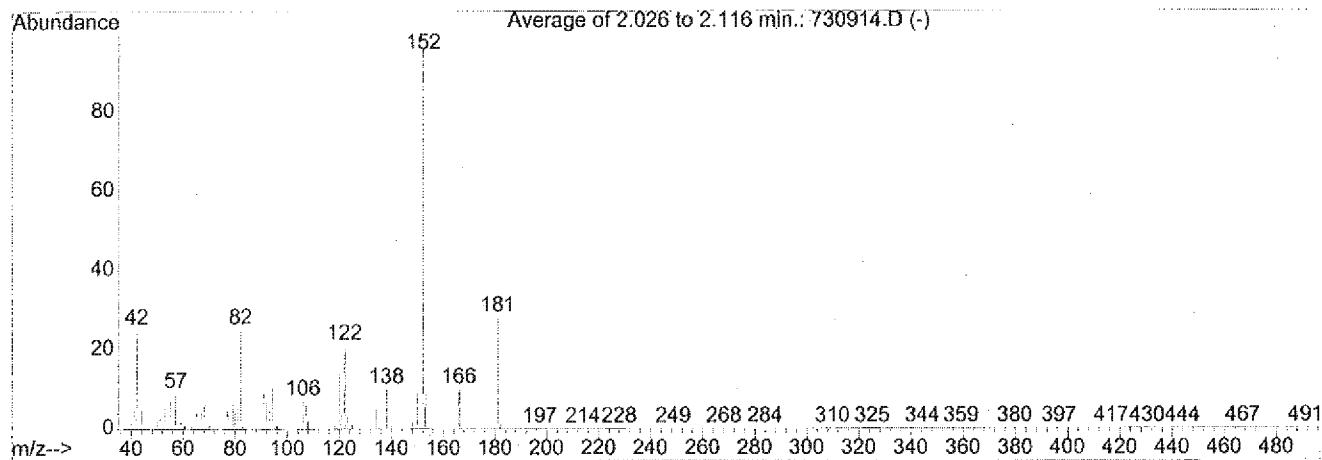
---

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

---

PK#	RT	Library/ID	CAS#	Qual
1	2.05	C:\DATABASE\PMW_TOX2.L		
		Cocaine-M/artifact -H2O	000000-00-0	96
		MDA-M (desmethylene-methyl-) ME	@ 000000-00-0	25
		Vanillin AC	000000-00-0	17

---



# Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2010\SYSTEM4\07\_14\_10\730914.D  
Operator : KAC  
Date Acquired : 14 Jul 2010 13:28  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 14  
AcquisitionMeth: DRUGS  
Integrator : RTE

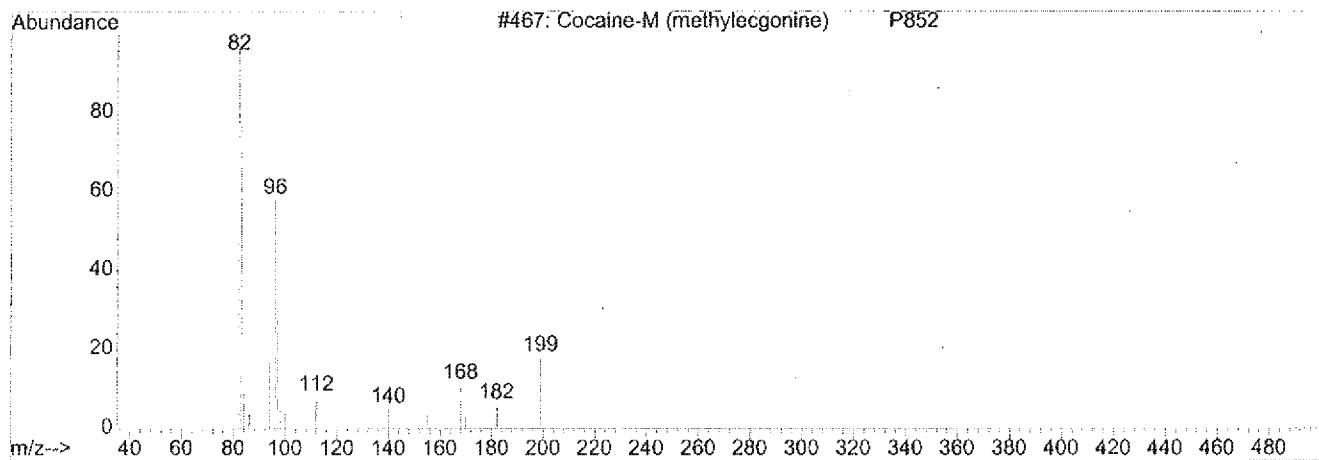
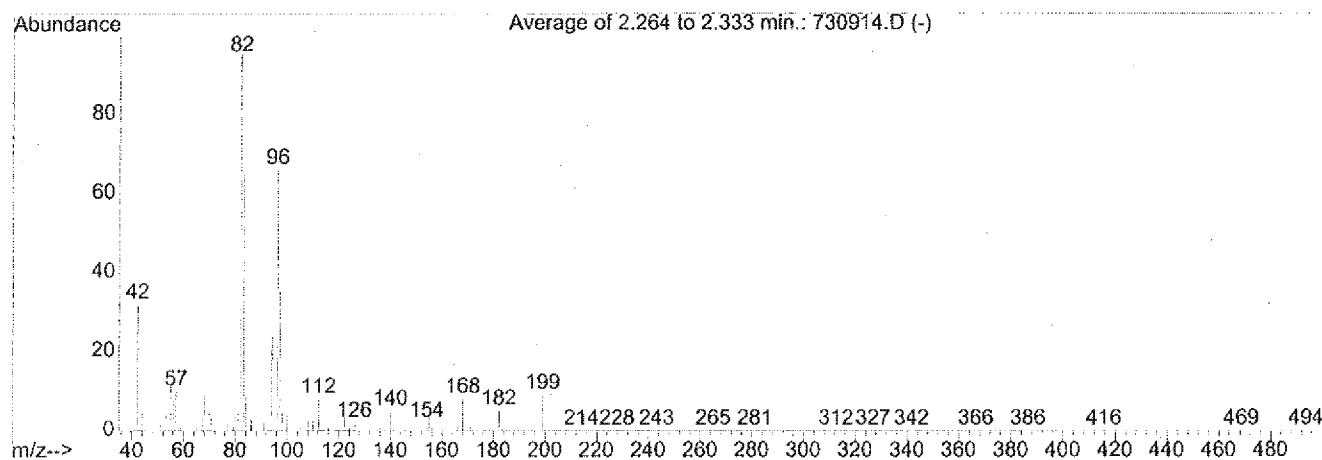
---

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

---

PK#	RT	Library/ID	CAS#	Qual
2	2.29	C:\DATABASE\PMW_TOX2.L		
		Cocaine-M (methylecgonine)	007143-09-1	96
		Cocaine	000050-36-2	39
		Cocaine-M (methylecgonine) AC	000000-00-0	9

---



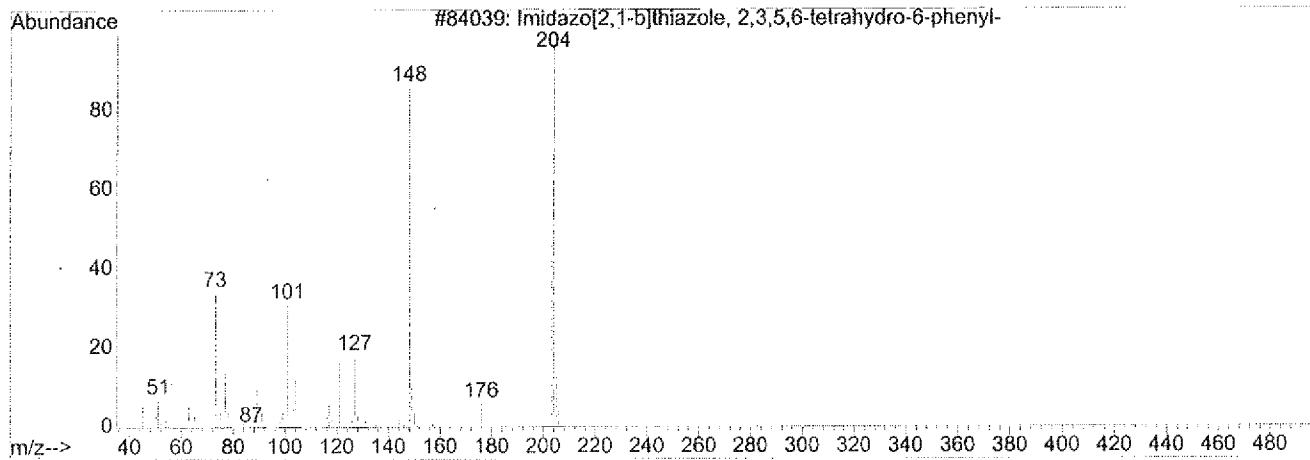
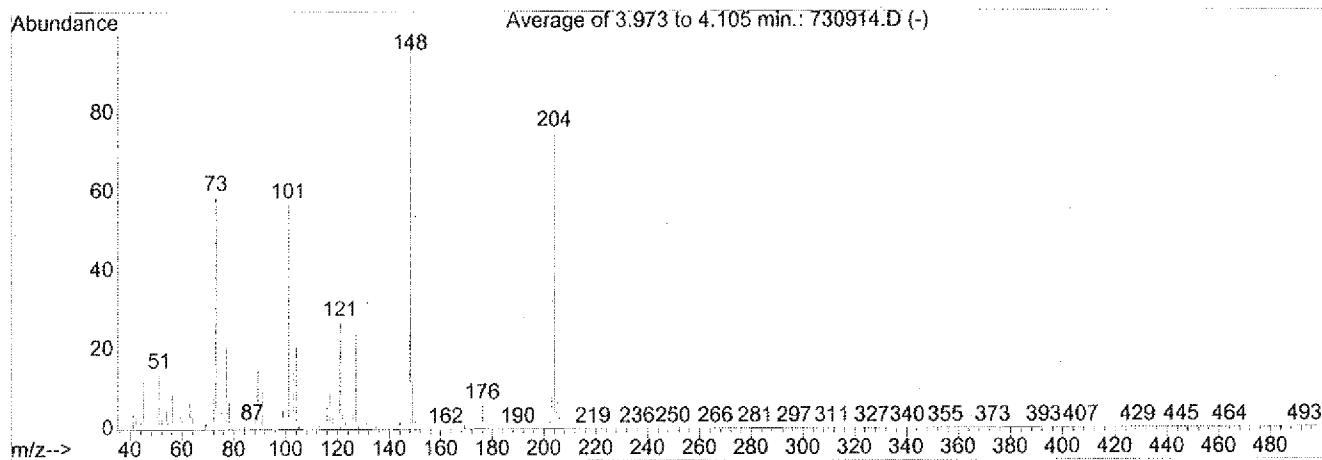
# Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2010\SYSTEM4\07\_14\_10\730914.D  
 Operator : KAC  
 Date Acquired : 14 Jul 2010 13:28  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 14  
 AcquisitionMeth: DRUGS  
 Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90  
                   C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
                   C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
3	4.00	C:\DATABASE\NIST98.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	99
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	99
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	97



# Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2010\SYSTEM4\07\_14\_10\730914.D  
Operator : KAC  
Date Acquired : 14 Jul 2010 13:28  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 14  
AcquisitionMeth: DRUGS  
Integrator : RTE

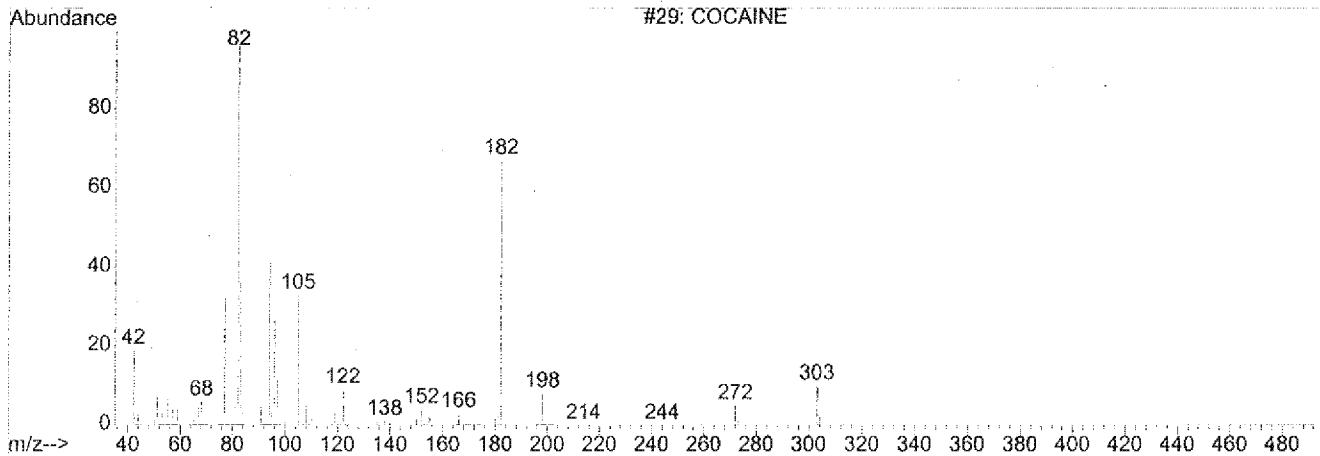
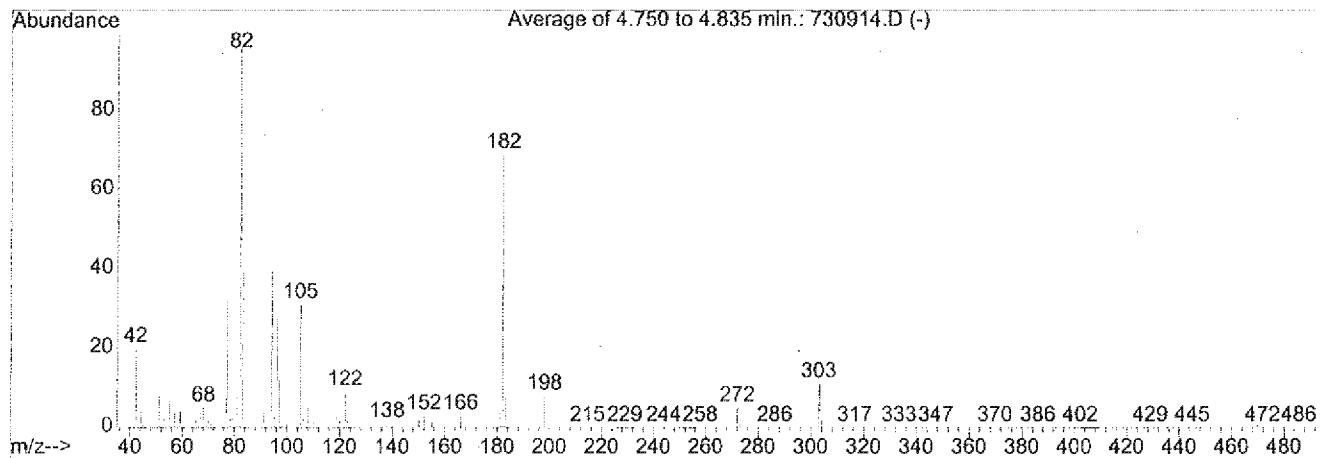
---

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

---

PK#	RT	Library/ID	CAS#	Qual
4	4.78	C:\DATABASE\SLI.L COCAINE	000050-36-2	99

---



# Area Percent / Library Search Report

**Information from Data File:**

File Name : F:\Q3-2010\SYSTEM4\07\_14\_10\730914.D  
Operator : KAC  
Date Acquired : 14 Jul 2010 13:28  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 14  
AcquisitionMeth: DRUGS  
Integrator : RTE

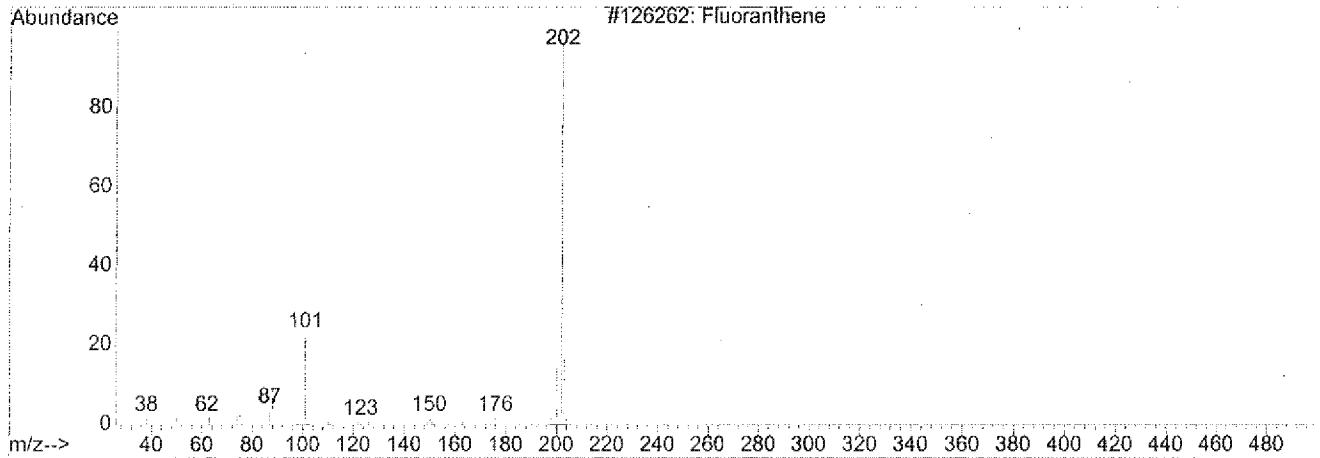
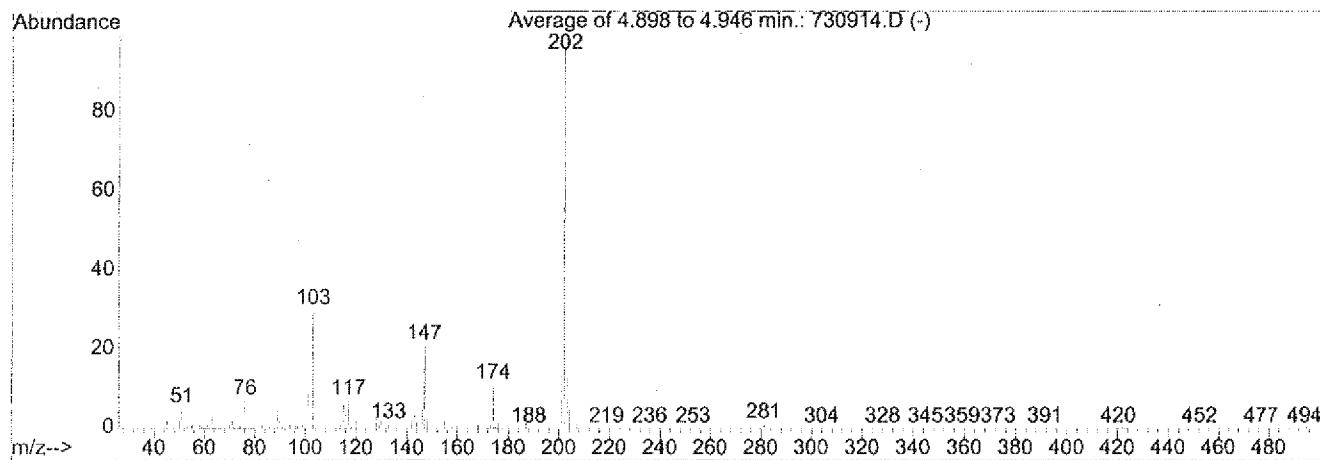
---

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

---

PK#	RT	Library/ID	CAS#	Qual
5	4.92	C:\DATABASE\NIST98.L		
		Fluoranthene	000206-44-0	47
		Pyrene	000129-00-0	47
		7H-Furo[3,2-g] [1]benzopyran-7-one,	002009-24-7	47

---



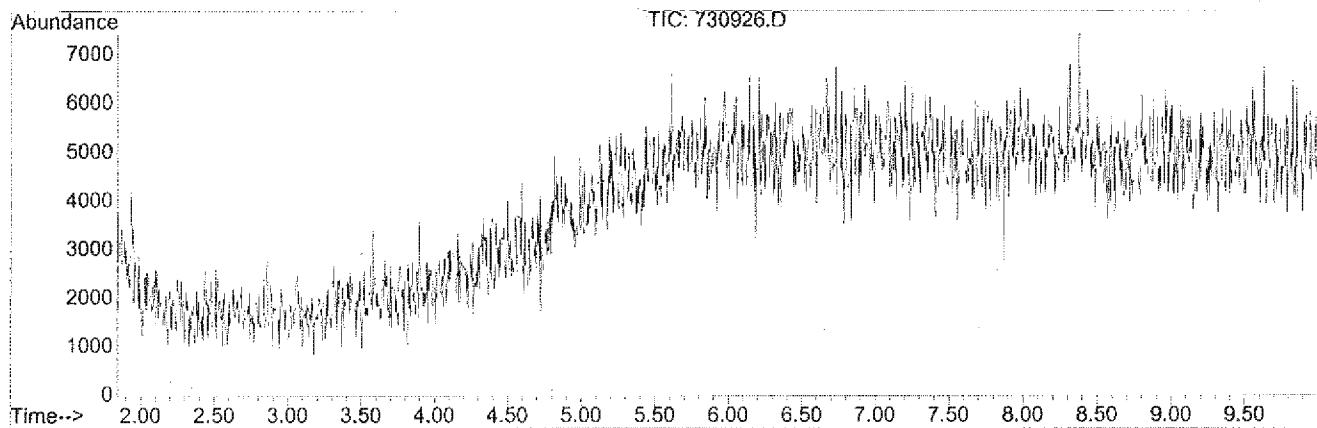
# Area Percent / Library Search Report

---

Information from Data File:

File Name : F:\Q3-2010\SYSTEM4\07\_14\_10\730926.D  
Operator : KAC  
Date Acquired : 14 Jul 2010 16:11  
Sample Name : BLANK  
Submitted by :  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

---

\*\*\*NO INTEGRATED PEAKS\*\*\*

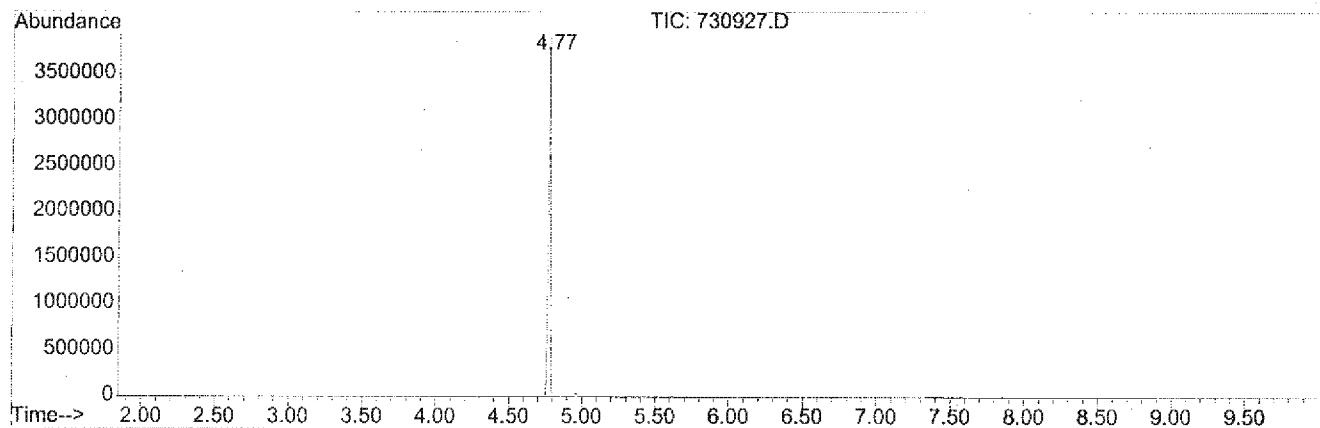
# Area Percent / Library Search Report

---

Information from Data File:

File Name : F:\Q3-2010\SYSTEM4\07\_14\_10\730927.D  
Operator : KAC  
Date Acquired : 14 Jul 2010 16:25  
Sample Name : COCAINE STD  
Submitted by :  
Vial Number : 27  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
4.773	3688095	100.00	100.00

---

# Area Percent / Library Search Report

---

Information from Data File:

File Name : F:\Q3-2010\SYSTEM4\07\_14\_10\730927.D  
Operator : KAC  
Date Acquired : 14 Jul 2010 16:25  
Sample Name : COCAINE STD  
Submitted by :  
Vial Number : 27  
AcquisitionMeth: DRUGS  
Integrator : RTE

---

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	4.77	C:\DATABASE\SLI.L COCAINE	000050-36-2	99

